Description | Page No.

1. Wide Range Available
The S3000 range includes an array of switch module options, allowing for a variety of product configurations. Sockets include TV, data, telephone, RCA sockets and the dedicated switch modules with selected icons for dedicated use. The S3000 range is also compatible with Clipsal's S2000 30-series mechanisms.

2. Clear Frames
The clear polycarbonate frames of the S3000 range simplify the lining up of fixing screws with wall box threads. The frames are available in various sizes and the 'teeth' ensure modules fit properly.

3. Flexibility
The unique nature of this range allows combinations of switches, socket outlets, audio and the TV in the same grid plate, providing you with greater options.

4. Interchangeable Coloured Surrounds
All S3000 products are available in white or black with 8 stunning colour surrounds in blue, champagne, charcoal, gunmetal grey, platinum, red, black and white. These interchangeable surrounds provide a limitless choice of colour combination to suit any interior.

5. Neon/Led Indicator
All S3000 sockets and switches can accommodate a Neon or LED lamp, inserted into the back of the product. The innovative design of the switches include a retainer with a light-diverting shield which is used to intensify the light and direct it to the front lens, minimising light loss through the sides of the switch.

Wiring Accessories

This range is available in ▱ White ◼ Black

S3000 Range | Cat No.

Fully Assembled Switches
complete with surrounds
100mm x 50mm

1 Lever 2 way Switch - Horizontal mount (1 x 3 wide module)	S3041/2/3AWE
2 Lever 2 way Switch - Horizontal mount (2 x 1.5 wide module)	S3042/2/3AWE
3 Lever 2 way Switch - Horizontal mount (3 x 1 wide module)	S3043/2/3AWE
1 Lever 2 way Switch - Vertical mount (1 x 3 wide module)	S3041/2/3AVWE
2 Lever 2 way Switch - Vertical mount (2 x 1.5 wide module)	S3042/2/3AVWE
3 Lever 2 way Switch - Vertical mount (3 x 1 wide module)	S3043/2/3AVWE

S3041/2/3AWE

S3043/2/3AVWE

Fully Assembled Blanks
complete with surrounds
100mm x 50mm

Blank - Horizontal mount	S3030XWE
Blank - Vertical mount	S3030XVWE
100mm x 100mm	
Blank	ST3030XWE

S3030XVWE

Fully Assembled Sockets
complete with surrounds
100mm x 50mm

16 Amp Switched Socket Outlet - Horizontal mount	S3015WE
16 Amp Red Dedicated Switched Socket	S3015TRD
(Red Switch and Socket combination with white surround)	

S3015WE

Fully Assembled Combination Product
complete with surrounds
100mm x 50mm

Tel/Data Outlet Combination	S3042TELDATWE
20 Amp Isolator and Cord Grip Combination - white only	S3042MD20CGWE

S3042TELDATBK

Monoblock 16 Amp Socket Range
complete with surrounds
100mm x 100mm

Monoblock 16 Amp Single Standard Switched Socket Outlet	ST3015WE
Monoblock 16 Amp Double Standard Switched Socket Outlet	ST3025WE

ST3015WE

ST3025WE

This range is available in ☐ White ▮ Black

Cat No.	**S3000 Range**

Monoblock Stove Isolator
complete with surround
100mm x 100mm

ST3031D60WE   60 Amp Double Pole Stove Isolator

ST3031D60WE

Monoblock 16Amp Dedicated Range
complete with surrounds
100mm x 100mm

ST3015TRD   Monoblock 16A Red Dedicated Single Switched Socket Outlet, White with Red Switch

ST3015RDB   Monoblock 16A Blue Dedicated Single Switched Socket Outlet, White with Blue Switch

ST3015LBK   Monoblock 16A Black Dedicated Single Switched Socket Outlet, White with Black Switch

ST3025TRD   Monoblock 16A Red Dedicated Double Switched Socket Outlet, White with Red Switches

ST3025RDB   Monoblock 16A Blue Dedicated Double Switched Socket Outlet, White with Blue Switches

ST3025LBK   Monoblock 16A Black Dedicated Double Switched Socket Outlet, White with Black Switches

ST3015TRD

ST3025RDB

Monoblock Shaver Socket
complete with surrounds
100mm x 50mm

S3727VWE   Monoblock Shaver Socket (also available in black)

S3727VWE

Please note:
Sockets and switches are sold without LED's
LED's ordered sepperately

Wiring Accessories

This range is available in ▯ White ▮ Black

S3000 Range | Cat No.

ST3020IWE

ST3020EICAPBK

40/2/3A1.0MWE

Thermostat Range
complete with surrounds
100mm x 100mm

|	
3600 Watt Non-Programmable Thermostat with built in Air Sensor and a 20 Amp Double Pole Isolator	ST3020IWE
3600 Watt Non-Programmable Thermostat with built in Capilary Sensor and a 20 Amp Double Pole Isolator	ST3020ICAPWE
3600 Watt Programmable Thermostat with built in Air Sensor and a 20 Amp Double Pole Isolator	ST3020EIWE
3600 Watt Programmable Thermostat with built in Capillary Sensor and a 20 Amp Double Pole Isolator	ST3020EICAPWE

Switch Modules

Half Standard Single Pole, 1 Way Switch Module (half module wide)	40/1/2A0.5MWE
Standard Single Pole, 2 Way Switch Module (1 module wide) - white	40/2/3A1.0MWE
Standard Single Pole, 2 Way Switch Module (1 module wide) - red	40/2/3A1.0MRD
Standard Single Pole, 2 Way Switch Module (1 module wide) - blue	40/2/3A1.0MDB
Standard Single Pole, 2 Way Switch Module (1 module wide) - black	40/2/3A1.0MBK
Medium Single Pole, 2 Way Switch Module (1 and half module wide)	40/2/3A1.5MWE
Vertical Single Pole, 2 Way Switch Module (2 module wide)	40/2/3A2.0MWE
Large Single Pole, 2 Way Switch Module (3 module wide)	40/2/3A3.0MWE

This range is available in ☐ White ■ Black
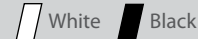
Cat No.	S3000 Range

Blank Modules

40MB0.5MWE	Half Blank Module (0.5 Module wide)
40MB1.0MWE	Standard Blank Module (1 Module wide)
40MB3.0MWE	Large Blank Module (3 Module wide)

40/2/3A2.0MBK

Adaptor Modules

40MA30MWE	30 Mech Adaptor Module
40MA500/600WE	PDL 600 Series Module Adaptor Module

40MA30MWE

Socket Modules

3015ASWLEDWE	16 Amp Standard Auto-socket Module - White LED
3015ASBLEDWE	16 Amp Standard Auto-socket Module - Blue LED
3015ASONEONWE	16 Amp Standard Auto-socket Module - Orange Neon
3015WE	16 Amp Un-switched Standard Socket Module
3015BS/13WE	13 Amp British Un-switched Socket Module
3015SCHUCKWE	13 Amp Schucko Un-switched Socket Module
3015EUWE	16 Amo Euro Un-switched Socket Module

3015BS/13WE

Dedicated Socket Modules

3015TRD	16 Amp Red Dedicated Un-switched Socket Module
3015RDB	16 Amp Blue Dedicated Un-switched Socket Module
3015LBK	16 Amp Black Dedicated Un-switched Socket Module

3015TRD

Audio - Visual Modules

40MRGBWE	Triple RCA module (Red, Green, Blue) - Standard module size
40MRWYWE	Triple RCA module (Red, White, Yellow) - Standard module size
40MBWE	Banana Binding Post Module (Red and Black) - Standard module size

40MBBK

Press Switch Modules
spring loaded switches

40MFPWE	"Finger Press" Switch (Standard Single Pole, 2 way switch - 1 Module wide)
40MBPWE	"Bell Press" Switch (Standard Single Pole, 2 way switch - 1 Module wide)
■40/2/3A1.5MSWE	Spring loaded switch 1.5 wide WE
■40/2/3A11.5MSBK	Spring loaded switch 1.5 wide BK
■40/2/3A3.0MSWE	Spring loaded switch 3.0 wide WE
■40/2/3A3.0MSBK	Spring loaded switch 3.0 wide BK

40MFPWE

40/2/3A1.5MSWE

Please note:
■ Made to order. Lead time of 4 - 6 weeks

This range is available in ▮ White ▮ Black

S3000 Range

Cat No.

Dedicated Switch Modules

"Light" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MLWE
"Heat" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MHWE
"Fan" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MFWE
"Dish Washer" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MDSWE
"Fridge" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MFGWE
"Hood" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MHDWE
"Microwave" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MMWWE
"Waste" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MWSTWE
"Wash" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MWSHWE
"Spa" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MSPAWE
"Pump" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MPMPWE
"Outside Light" Switch (Standard Single Pole, 2 way switch - 1 Module wide)	■ 40MOLWE

40MBPBK

40MLWE

40MHBK

40MFBK

Standard Horizontal Surround
100mm x 50mm

Surround - Horizontal - White	S3000WE
Surround - Horizontal - Black	S3000BK
Surround - Horizontal - Blue	S3000BL
Surround - Horizontal - Charcoal	S3000CHL
Surround - Horizontal - Champagne	S3000CH
Surround - Horizontal - Gun Metal	S3000GM
Surround - Horizontal - Red	S3000RD
Surround - Horizontal - Platinum	S3000PT

S3000WE

S3000BL

S3000CHL

Standard Vertical Surround
100mm x 50mm

Surround - Vertical - White	S3000VWE
Surround - Vertical - Black	S3000VBK
Surround - Vertical - Blue	S3000VBL
Surround - Vertical - Charcoal	S3000VCHL
Surround - Vertical - Champagne	S3000VCH
Surround - Vertical - Gun Metal	S3000VGM
Surround - Vertical - Red	S3000VRD
Surround - Vertical - Platinum	S3000VPT

S3000VCH

S3000VGM

S3000VPT

Please note:
■ Made to order. Lead time of 4 - 6 weeks

Wiring Accessories

Cat No.	S3000 Range

Double Standard Horizontal Surround
(100mm x 50mm) x 2

S3000/2WE	Double Surround - Horizontal - White
S3000/2BK	Double Surround - Horizontal - Black
S3000/2BL	Double Surround - Horizontal - Blue
S3000/2CHL	Double Surround - Horizontal - Charcoal
S3000/2CH	Double Surround - Horizontal - Champagne
S3000/2GM	Double Surround - Horizontal - Gun Metal
S3000/2RD	Double Surround - Horizontal - Red
S3000/2PT	Double Surround - Horizontal - Platinum

S3000/2PT

S3000/2RD

Monoblock Surround
100mm x 100mm

ST3000WE	Monoblock Surround - White
ST3000BK	Monoblock Surround - Black
ST3000BL	Monoblock Surround - Blue
ST3000CHL	Monoblock Surround - Charcoal
ST3000CH	Monoblock Surround - Champagne
ST3000GM	Monoblock Surround - Gun Metal
ST3000RD	Monoblock Surround - Red
ST3000PT	Monoblock Surround - Platinum

ST3000BK

ST3000BL

Double Vertical Surround
100mm x 100mm

ST3000VWE	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - White
ST3000VBK	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Black
ST3000VBL	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Blue
ST3000VCHL	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Charcoal
ST3000VCH	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Champagne
ST3000VGM	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Gun Metal
ST3000VRD	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Red
ST3000VPT	2 x 3 module wide, Vertical mount Surround (centre bridge piece) - Platinum

ST3000VCH

ST3000VGM

ST3000VRD

Standard Clear Frame
100mm x 50mm

S3000F	Standard frame

S3000F

S3000 Range | Cat No.

Double Horizontal Clear Frame
Double (100mm x 50mm) x 2

Double Standard Horizontal frame	S3000/2F

S3000/2F

Double vertical Clear Frame
Double (100mm x 50mm) x 2

Vertical Frame with centre bridge piece (2 x 3 Module)	ST3000VF

ST3000VF

WALL BOXES

Double Horizontal Wall Box
100mm x 50mm

Sub-Divisional Double Standard Horizontal Wall Box	S3156/2
3 Gang Vertical Galvanised Wall Box	ST3156/3

S3156/2

ST3156/3

PIR Sensor Module

PIR module - Adjustable light level and time delay. 3 Amp resistance, 100 watt fluorescent - (Standard 1 module wide) Forward Range of 5m, Field of View 100 degrees Horizontal / 82 degrees vertical **(To be clipped into 40MA500/600 - WE or BK)**	40MPIR

40MPIR

Illumination Lamps

White LED	WLED
Blue LED	BLED
Orange neon	ONEON
32E Black Dimmer Knob **(To be used with 32E450LMWE & 32E450T-MWE, pg 35)**	556513,BK

WLED

ONEON

556513,BK

Module Ejector

Module Ejector Tool - Red	40MET

40MET

Mounting Tools

Powerhead screwdriver 1000 Volt square drive No. 1 (100mm, magnetised)	S1X100
Combination drill bit - Phillips no.2 plus square drive No.1 (125mm, magnetised)	PH2S1

S1X100

PH2S1

This is a modular system with interchangeable surrounds and grid plates to suit all requirements, available from 1 to 6 lever switches. The unique clip-on surrounds hide mounting screws, which are easy to remove for painting. This range is manufactured from high gloss, impact resistant polycarbonate material and available in standard white, 4 moulded colours and 3 painted colours. Other accessories include TV and Data sockets, shaver and floor mounted sockets.

A premium of 10% will be charged for

Desert Sand (DS)   Soft Grey (SG)   Cream (CM)   Black (BK)

Effective Silver (ES)   Graphite Grey (GG)   Champagne Gold (CHG)

S2000

This range is available in ☐ White

S2000 Range

Cat No.

S2032/1/2AWE

S2036/1/2AWE

Flush Switches
complete with surrounds
100mm x 50mm

1 Lever 1 Way Switch	S2031/1/2AWE
1 Lever 2 Way Switch	S2031/2/3AWE
2 Lever 1 Way Switch	S2032/1/2AWE
3 Lever 1 Way Switch	S2033/1/2AWE
4 Lever 1 Way Switch	S2034/1/2AWE
5 Lever 1 Way Switch	S2035/1/2AWE
6 Lever 1 Way Switch	S2036/1/2AWE

Grid Plates
complete with surrounds
100mm x 50mm

S2032WE

1 Lever	S2031WE
2 Lever	S2032WE
3 Lever	S2033WE
4 Lever	S2034WE
5 Lever	S2035WE
6 Lever	S2036WE
Blank	S2030XWE

Flush Switches
complete with surrounds
100mm x 100mm

ST2031/1/2AWE

1 Lever 1 Way Switch	ST2031/1/2AWE
2 Lever 1 Way Switch	ST2032/1/2AWE
3 Lever 1 Way Switch	ST2033/1/2AWE
4 Lever 1 Way Switch	ST2034/1/2AWE
5 Lever 1 Way Switch	ST2035/1/2AWE
6 Lever 1 Way Switch	ST2036/1/2AWE

Grid Plates
complete with surrounds
100mm x 100mm

ST2036WE

1 Lever	ST2031WE
2 Lever	ST2032WE
3 Lever	ST2033WE
4 Lever	ST2034WE
5 Lever	ST2035WE
6 Lever	ST2036WE
Blank	ST2030XWE

This range is available in   White

Cat No.	S2000 Range

Flush 16A Switched Sockets
complete with surrounds
100mm x 50mm

S2015WE — Horizontal Single 16A Switched Socket

S2015WE

Flush 16A Switched Sockets
complete with surrounds
100mm x 100mm

ST2015WE — Single 16A Switched Socket
ST2025WE — Double 16A Switched Socket

ST2025WE

Euro Switched Socket

S2015EUWE — Euro socket (100mm x 50mm)
ST2015+EUWE — Euro socket with 16A Switched Socket (100mm x 100mm)

ST2015+EUWE

60 Amp Isolators
complete with surrounds
100mm x 100mm

ST2031D60WE — 60 Amp Double Pole Isolator
ST2031T60WE — 60 Amp Triple Pole Isolator

ST2031D60WE

Modular Grid Plate
complete with surrounds
100mm x 100mm

ST2025MODWE — Gridplate to accommodate Modular Trunking Range

ST2025MODWE

Single Floor Outlet
complete with (100mm x 100mm) depp drawn floor box, provision for 2 x (75mm x 50mm) outlet

S2015FSWE — Single 16A Floor Mounted Switch Socket Outlet

S2015FSWE

Please note:
■ Made to order. Lead time of 4 - 6 weeks

This range is available in ▱ White

S2000 Range

Cat No.

POWERITE RANGE

Powerite 16A Switched Sockets
white sockets complete with surrounds
100mm x 50mm

S2015RWE

Horizontal Split Earth (Red)	S2015TWE
Left-Hand Diagonal Split Earth (Black)	■ S2015LWE
Right-Hand Diagonal Split Earth (Blue)	■ S2015RWE

Powerite 16A Switched Sockets
white sockets complete with surrounds
100mm x 100mm

ST2025TWE

Horizontal Split Earth (Red)	ST2015TWE
Left-Hand Diagonal Split Earth (Black)	ST2015LWE
Right-Hand Diagonal Split Earth (Blue)	ST2015RWE
Double Socket Horizontal Split Earth (Red)	ST2025TWE
Double Socket Left-Hand Diagonal Split Earth (Black)	■ ST2025LWE
Double Socket Right-Hand Diagonal Split Earth (Blue)	■ ST2025RWE

Powerite 16A Switched Sockets
complete with surrounds
100mm x 50mm

S2015RDB

Red Dedicated single socket - Horizontal Split Earth (complete red)	S2015TRD
Black Dedicated single socket - left hand diagonal Split Earth (complete black)	■ S2015LBK
Blue Dedicated single socket - right hand diagonal Split Earth (complete blue)	■ S2015RDB

Powerite 16A Switched Sockets
complete with surrounds
100mm x 100mm

ST2025TRD

Red Dedicated single socket - Horizontal Split Earth (complete red)	ST2015TRD
Black Dedicated single socket - left hand diagonal Split Earth (complete black)	■ ST2015LBK
Blue Dedicated single socket - right hand diagonal Split Earth (complete blue)	■ ST2015RDB
Red Dedicated double socket - Horizontal Split Earth (complete red)	ST2025TRD
Black Dedicated double socket - left hand diagonal Split Earth (complete black)	■ ST2025LBK
Blue Dedicated double socket - right hand diagonal Split Earth (complete blue)	■ ST2025RDB

Please note:
■ Made to order. Lead time of 4 - 6 weeks

This range is available in ▮ Desert Sand (DS) ▮ Soft Grey (SG) ▮ Cream (CM) ▮ Black (BK)

Cat No.	S2000 Range Colour Range

Grid Plates
complete with surrounds
100mm x 50mm

■ S2031	1 Lever
■ S2032	2 Lever
■ S2033	3 Lever
■ S2034	4 Lever
■ S2035	5 Lever
■ S2036	6 Lever
■ S2030X	Blank

S2032DS

S2034SG

Grid Plates
complete with surrounds
100mm x 100mm

■ ST2031	1 Lever
■ ST2032	2 Lever
■ ST2033	3 Lever
■ ST2034	4 Lever
■ ST2035	5 Lever
■ ST2036	6 Lever
■ ST2030X	Blank

ST2033SG
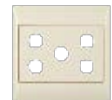
ST2035CM

Flush 16A Switched Sockets
complete with surrounds
100mm x 50mm

■ S2015	Horizontal Single 16A Switched Socket

S2015CM

16A Switched Sockets
complete with surrounds
100mm x 100mm

■ ST2015	Single 16A Switched Socket
■ ST2025	Double 16A Switched Socket

ST2015BK

Euro Switched Socket
complete with surrounds

■ ST2015+EU	Euro socket with 16A Switched Socket (100mm x 100mm)

ST2015+EUSG

60 Amp Isolators
complete with surrounds
100mm x 100mm

■ ST2031D60	60 Amp Double Pole Isolator

ST2031D60DS

Please note:
■ Made to order. Lead time of 6 - 8 weeks

This range is available in ▮ Champagne Gold (CHG) ▮ Graphite Grey (GG) ▮ Effective Silver (ES)

S2000 Painted Colour Range

Cat No.

S2032GG

Grid Plates
complete with surrounds
100mm x 50mm

1 Lever	▮ S2031
2 Lever	▮ S2032
3 Lever	▮ S2033
4 Lever	▮ S2034
5 Lever	▮ S2035
6 Lever	▮ S2036
Blank	▮ S2030X

S2036CHG

Grid Plates
complete with surrounds
100mm x 100mm

1 Lever	▮ ST2031
2 Lever	▮ ST2032
3 Lever	▮ ST2033
4 Lever	▮ ST2034
5 Lever	▮ ST2035
6 Lever	▮ ST2036
Blank	▮ ST2030X

ST2034ES

ST2030XCHG

Flush 16A Switched Sockets
complete with surrounds
100mm x 50mm

Horizontal Single 16A Switched Socket	▮ S2015

S2015ES

16A Switched Sockets
complete with surrounds
100mm x 100mm

Single 16A Switched Socket	▮ ST2015
Double 16A Switched Socket	▮ ST2025

ST2015GG

Euro Switched Socket
complete with surrounds

Euro socket with 16A Switched Socket (100mm x 100mm)	▮ ST2015+EU

ST2015+EUES

60 Amp Isolators
complete with surrounds
100mm x 100mm

60 Amp Double Pole Isolator	▮ ST2031D60

ST2031D60CHG

Please note:
▮ Made to order. Lead time of 6 - 8 weeks

This range is available in   ▌Desert Sand (DS) ▌Soft Grey (SG) ▌Cream (CM) ▌Black (BK)

Cat No.	S2000 Range

30 Series Accessories

0760802 (30/1/2MWE)	16A 1 Way Mech - white
■ 30/1/2MRD	16A 1 Way Mech - red
■ 30/1/2MBK	16A 1 Way Mech - black
30/2/3MWE	10A 2 Way Mech
■ 30/2/3NMWE	10A 2 Way Illuminated Mech
30MBPWE	15A Bell Press Mech
■ 30MBP2WE	15A Bell Press Mech With Symbol
30MBPRWE	10A Bell Press Rocker Mech
30MD20WE	2 Pole 20 A Mech
30MIWE	10A Intermediate Mech
30PWE	30 Mech Blanking Plug available in all colours
30TV75MSWE	TV Socket 75OHM without isolation
30TV75MACFWE	TV Socket 75 OHM with isolation
30PFMWE	Satilite "F" Type connector 75 OHM
38HDWE	Cord Grip
F30Z1WE	30 Mech Mounting Clip (1mm) available in all colours
30MTPR2DWE	Touch Press Mech "Dim On/Off"
30RJ64SMTWE	Telephone Mech (RJ11)

Refer to page 50 and 51 for data mechs

30/1/2MWE

30/1/2MRD

30MBP2WE

30PWE

38HDWE

30MJPR2DWE

30RJ64SMTWE

Please note:
■ Made to order. Lead time of 6 - 8 weeks

S2000

Wiring Accessories

This range is available in ☐ White

S2000 Range | Cat No.

Shaver Socket
complete with surrounds
100mm x 50mm

Vertical 4,7 VA Shaver Socket	S2727VWE

S2727VWE

ISOLATORS

20 Amp Isolators
complete with surrounds
100mm x 50mm

20A Double Pole Isolator	S2031D20AWE
20A Double Pole Isolator Plus Cord Grip	■ S2032DP20HDWE

S2032DP20HDWE

20A Isolators Combination
complete with surrounds and extension box
100mm x 50mm

20A Double Pole Isolator and (100mm x 50mm) extension box	S2031MD20PBWE

S2031MD20PBWE

WEATHERPROOF ACCESSORIES

S2000 Weatherproof Box
100mm x 50mm

Weatherproof Box Empty	WPS2015E
Weatherproof box complete with S2015WE	WPS2015C

WPST2025C

S2000 Weatherproof Box
100mm x 100mm

Weatherproof box Empty	WPST2025E
Weatherproof box complete with ST2025WE	WPST2025C

31VHWPWE

Weatherproof Plate Only

Plate only for 1 Gang	31VHWPWE

TV Sockets
complete with surrounds (Only in WE)

TV Outlet with isolation (100mm x 50mm)	S2031TV75WE
TV Outlet with isolation (100mm x 100mm)	ST2031TV75WE

S2031TV75WE

16 Clipsal Product Catalogue

Please note:
■ Made to order. Lead time of 4 - 6 weeks

Wiring Accessories

This range is available in ▮ White

Cat No.	S2000 Range

MULTIGANG SURROUND

S2000 Multigang Surround
100mm x 50mm

S2000WE	Flush Surround
H2000/2WE	2 Gang Surround Horizontal
H2000/3WE	3 Gang Surround Horizontal
H2000V2WE	2 Gang Surround Vertical
H2000V3WE	3 Gang Surround Vertical

H2000/2WE

S2000 Multigang Surround
100mm x 100mm

ST2000WE	Flush Surround
ST2000/2WE	2 Gang Surround Horizontal
ST2000/3WE	3 Gang Surround Horizontal

H2000V3WE

S2000 Range Wall Box and Cradle
100mm x 50mm

S2156/2	2 Gang Horizontal Galvanised Wall Box
S2156/3	3 Gang Horizontal Galvanised Wall Box
S2156V/2	2 Gang Vertical Galvanised Wall Box
S2156V/3	3 Gang Vertical Galvanised Wall Box

S2156V/2

S2000 Range Wall Box and Cradle
100mm x 100mm

ST2156/2	2 Gang Galvanised Wall Box
ST2156/3	3 Gang Galvanised Wall Box

S2156/3

S2000 Polycarbonate Extension Box

S2449	(100mm x 50mm) Open back
ST2449	(100mm x 100mm) Open back

S2449

Wiring Accessories

S2000 Range

Cat No.

PASSIVE INFRA-RED DETECTORS

Outdoor Passive Detector

750WPRGY

Passive Infra-red 250 V - 10A Detector IP66	750WPRGY

Indoor Passive Detector

753R

Passive Infra-red Detector 250V - 10A (3 Wire)	751R
Passive Infra-red 360 degree occupancy sensor 250V - 10A (3 wire)	753R

Introduced over 20 years ago, the LX range is still one of Clipsal's popular ranges. Commended for it's strength and reliability this range consists of modules and cradles with a choice of cover plates available in either steel or polycarbonate. Also available in this range is 6A and 16A unswitched socket outlets, industrial switch sockets, isolators and combo units.

LX

This range is available in ☐ White (WE)

LX Range

Cat No.

Flush Switches
Module on Cradle
100mm x 50mm

1 Lever 1 Way Switches	1121102
1 Lever 2 Way Switches	1121002
2 Lever 2 Way Switches	1122202
3 Lever 3 Way Side Action Switches	1123302

1121102

Steel Cover Plates
100mm x 50mm

Blank With Cradle	1530202
1 Lever Switch	1531102
2 Lever Switch	1532202
3 Lever Side Action Switch	1533302

1531102

Polycarbonate Cover Plates
100mm x 50mm

Blank With Cradle	1520202
1 Lever Switch	1521102
2 Lever Switch	1522202
3 Lever Side Action Switch	1523302

1521102

Switch Modules Only
(Without Cradle)

1 Lever 1 Way	■ 1161002
1 Lever 2 Way	■ 1162002
1 Lever 1 Way Illuminated Switch Module	■ 1161502

161002

Combo Units
(Module on Cradle)
complete with steel cover plates
(100mm x 100mm)

1 Lever + Switched Socket Outlet	■ 1249102

1249102

Flush Switched Socket
Outlet 16A

(100mm x 50mm) Switched Socket Outlet	1221002
(100mm x 100mm) Switched Socket Outlet	1241002
(100mm x 100mm) Vertical Duo Switched Socket	1242202

1242202

Please note:
■ Made to order. Lead time of 4 - 6 weeks

This range is available in ▢ White (WE)

Cat No.	**LX Range**

Steel Cover Plates

1531002	(100mm x 50mm) Switched Socket Outlet
1550202	(100mm x 100mm) Blank With Cradle
1551002	(100mm x 100mm) Switched Socket Outlet
1552402	(100mm x 100mm) Vertical Duo Switched Socket

1552402

Unswitched Socket Outlets 6A

1322502	(100mm x 50mm) 6A Socket on Cradle - white
1530902	6A Cover Plate
2332502	(75mm x 75mm x 48mm) 6A Socket Industrial
1362502	6A Socket for Conduit

1321002

Unswitched Socket Outlets 16A

■ 1321002	(100mm x 50mm) Socket Ribbed (FROS) on Cradle
■ 1365102	Socket Ribbed (JLEI) no Cradle
■ 1365113	Socket Ribbed (JLEI) no Cradle - non dedicated black

1365102

Industrial Surface Switched Socket Outlet
(83mm x 119mm x 50mm) 16A

2251002	Single Switched Socket Outlet - white
2252202	Vertical Duo Switched Socket Outlet - white

2252202

Flush Isolators
complete with steel cover plates (100mm x 50mm) 30A

1626102	1 Lever Double Pole
1626302	1 Lever Double Pole + Cord Grip

1626102

Flush Isolators
complete with steel cover plates (100mm x 50mm) 30/60A

1620402	30A 2 Pole
1620302	30A 3 Pole
1620202	60A 2 Pole
1620102	60A 3 Pole

1620402

Flush Isolators
complete with steel cover plates (100mm x 100mm) 30/60A

1641002	30A 2 Pole
1640902	30A 3 Pole
1640802PB	60A 2 Pole
1640702	60A 3 Pole

1641002

Please note:
■ Made to order. Lead time of 4 - 6 weeks

This range is available in / White (WE)

LX Range

Cat No.

2136002

Industrial Surface Isolators
(75mm x 75mm x 48mm) 30A

30A 2 Pole	2136002

2653202

Industrial Surface Isolators
(83mm x 119mm x 50mm) 30/60A

30A 2 Pole	2653202
60A 2 Pole	2656202

123003

Powerite

Switched Socket Outlets
100mm x 100mm

Switched Socket Outlet - Red	1232003
Switched Socket Outlet - Black	1232013
Vertical Duo Switched Socket Outlet - Red	1232203
Vertical Duo Switched Socket Outlet - Black	1232213

Please note:
■ Made to order. Lead time of 4 - 6 weeks

S2000 Universal Tactile Dimmers
Suitable to use with Leading and Trailing edge, Electronic or Wirewound Transformers. These dimmer modules also have built in short circuit and overload protection.

S2000 Rotary Dimmers
Rotary dimmers are suitable for use with incandescent lights and low voltage lights. Available in 7 colours complete with surrounds, these dimmers can also be used with wirewound transformers.

Tactile Dimmers
Designed for use with Clipsal's 30 series Touch Press Mechanisms. Tactile dimmers are suitable for use with incandescent and low voltage lights, and can be used with Electronic or Wirewound Transformers.

Scene Master
The Scene Master Lighting Controller is designed for places where frequent alternations of intensity and distribution of background lights are required to suit changing activities. Lighting creates different atmosphere in matching particular interior decoration and a multi-functional dimming switch therefore is essential in decoration.

Dimmer Range

A premium of 10% will be charged for all colours and are made to order 6-8 weeks lead time

- Desert Sand (DS)
- Soft Grey (SG)
- Cream (CM)
- Black (BK)
- Effective Silver (ES)
- Champagne Gold (CHG)
- Graphite Grey (GG)

S2000 Dimmer Range

Cat No.

ROTARY DIMMERS

2 Amp Rotary Dimmers
complete with surrounds
100mm x 50mm

S2031RD500WE

Dimmer with Integrated switch	S2031RD500WE
Dimmer with Integrated switch and 1 extra switch	S2032RD500WE
Dimmer with Integrated switch and 2 extra switches	S2033RD500WE

3.4 Amp Rotary Dimmers
complete with surrounds
100mm x 50mm

S2033RD500WE

Dimmer with Integrated switch	S2031RD800WE
Dimmer with Integrated switch and 1 extra switch	S2032RD800WE
Dimmer with Integrated switch and 2 extra switches	S2033RD800WE

TACTILE DIMMERS

1.6 Amp Tactile Dimmer

1760402-TP2

1.6 Amp Dimmer Module	1760402

1.6 Amp Tactile Dimmer

1760402-TPS

1.6 Amp Dimmer Module c/w attached Press Mech	1760402-TPS

Scene Master

E2400E3MC5H

220V Scene Master	E2400E3MC5H
Power Booster	E2400PB1200
Fluorescent Interface	E2400AM

UNIVERSAL TACTILE DIMMERS

500 VA Tactile Dimmer
with built in short circuit and overload protection

1760502

500 VA Universal Dimmer Module	1760502

Cat No.	Dimmer Range

500 VA Tactile Dimmer
with built in short circuit and overload protection

| 1760502-TPS | 500 VA Universal Dimmer Module c/w pre-wired Press Mech |

1760502-TPS

800 Watt Universal Tactile Dimmer
with built in short circuit and overload protection

| 1760802 | 800 Watt Universal Dimmer Module |

1760802

2 Amp Mech Dimmers (Leading Edge)

| 32E450LMWE | 250V~ 400VA Dimmer Mechanism, Incandescent Loads / Wire Wound Transformers |

32E450LMWE

2 Amp Mech Dimmers (Trailing Edge)

| 32E450TMWE | 250V~ 300VA Dimmer Mechanism, Incandescen Loads / Electronic Transformers |

32E450TMWE

LX DIMMER RANGE

2 Amp Rotary Dimmers
**complete with steel cover plates
100mm x 50mm**

1723002	Dimmer Assembly Only (Integrated switch)
1723102	Dimmer Assembly With 1 Extra Switch (Integrated switch)
1723202	Dimmer Assembly With 2 Extra Switches (Integrated switch)

1723102

3.4 Amp Rotary Dimmers
**complete with steel cover plates
100mm x 50mm**

1724002	Dimmer with Integrated switch
1724102	Dimmer Assembly With 1 Extra Switch (Integrated switch)
1724202	Dimmer Assembly With 2 Extra Switches (Integrated switch)

1724202

The E3000 range offers a sleek and stylish design, with embedded LED backlights and features slim flush plate finishing, as well as horizontal switching operations. The LED technology replaces traditional neon indicators, and reduces the consumption of electrical power. The Hotel Range provides a unique range of purpose-designed switches specifically designed for the hospitality market. Available in white and silver grey and comes in standard 75mm x 75mm size.

A premium of 10% will be charged for | Silver Grey (BGS)

E3000 Range

Cat No.

Flush Switches
complete with LED & surrounds
75mm x 75mm

1 Gang 1 Way Switch	■ E3031H1EWWW
1 Gang 2 Way Switch	■ E3031H2EWWW
2 Gang 1 Way Switch	■ E3032H1EWWW
2 Gang 2 Way Switch	■ E3032H2EWWW
3 Gang 1 Way Switch	■ E3033H1EWWW
3 Gang 2 Way Switch	■ E3033H2EWWW
4 Gang 1 Way Switch	■ E3034H1EWWW
4 Gang 2 Way Switch	■ E3034H2EWWW

Blank Plates
complete with surrounds
75mm x 75mm

1 Gang Cover Plate	■ E3030XWW
2 Gang Cover Plate	■ ET3030XWW

Bell Switches
complete with surrounds
75mm x 75mm

1 Gang with bell symbol	■ E3031HBPWW

Dimmer Switches
complete with LED & surrounds
75mm x 75mm

1 Gang 600W 250V Dimmer Switch	■ E3031HDEWWW
2 Gang 400W 250V Dimmer Switch	■ E3032HDEWWW

Double Pole Isolator Switch
complete with LED & surround
75mm x 75mm

45A Double Pole Switch	■ E3031DR45EWWW

Shaver Socket
complete with surround
75mm x 150mm

115 / 240V Shaver Unit	■ ET3727VWW

E3032H1EWWW

E3030XWW

E3031HBPWW

E3031HDEWWW

ET3727VGS

Please note:
■ Made to order. Lead time of 8 - 12 weeks

A premium of 10% will be charged for ▊ Silver Grey (BGS)

Cat No.	E3000 Range

Switch Socket Outlets
complete with LED & surrounds
75mm x 75mm

■E3426/10ISWW	10 Amp Socket Outlet
■ET3025DEWWW	13 Amp Twin 3-pin Switched Socket
■E3015/15EWWW	15 Amp 3-Pin Switched Socket

E3015/15EWWW

Schuko Sockets
complete with surrounds
75mm x 75mm

■E3426/16SWW	16 Amp 1 Gang Schuko Socket with Safety Shutter

E3426/16SWW

Telephone and Data Sockets
complete with surrounds
75mm x 75mm

■E3031RJWW	1 Gang 4-pin Telephone outlet, CAT 3
■E3031RJ5EWW	1 Gang 8-pin Data outlet, CAT 5e
■E3032TDWW	2 Gang Telecomm Outlet (Tel, Cat 3 & Data, Cat 5e)

E3031RJWW

TV Sockets Outlets
complete with surrounds
(75mm x 75mm)

■E3031TVWW	1 Gang TV Socket Outlet, 75 ohm

E3032TVWW

Wall Box
75mm x 75mm

E157	1 Gang Galvanised Wall Box with Knock-outs
E157E	1 Gang Galvanised Wall Box with Knock-outs, Earth Terminal
ET157DE	2 Gang Galvanised Wall Box with Knock-outs, Earth Terminal
E157DE	1 Gang Galvanised SABS Approved Wall Box with Knock-outs

E157

E3000 Multigang Wall Box
75mm x 75mm

E3156/3	3 Gang Galvanised Wall Box with Knock-outs

E-Series PVC Wall Box
75mm x 75mm

E228WE	1 Gang PVC Wall Box - White (35mm deep)
ET238WE	1 Gang PVC Surface Box - White (35mm deep)

Please note:
■ Made to order. Lead time of 8 - 12 weeks

A premium of 10% will be charged for   Silver Grey (BGS)

E3000 Range

Cat No.

E3031EKTHWW

E3031VBPDWW

E3032HDMWW

Hotel Range
complete with surrounds
75mm x 75mm

Electronic Key Card Switch (Credit Card Size)   ■ E3031EKTHWW

4A 250V Bell Push Switch with Illuminated   ■ E3031VBPDWW
  "DO NOT DISTURB" symbol

4A 250V Bell Push Switch with Illuminated   ■ E3031VBPMWW
  "PLEASE CLEAN UP" symbol

Message Indicator with Illuminated   ■ E3030VDMWW
  "DO NOT DISTURB" & "PLEASE CLEAN UP" symbols

Twin Gang Message Indicator with Illuminated   ■ E3032HDMWW
  "DO NOT DISTURB" & "PLEASE CLEAN UP" symbols

Please note:
■ Made to order. Lead time of 8 - 12 weeks

The modular trunking is a full modular range and compliments the S2000 range. The wide modular offer includes mech plates, trunking socket modules, normal, dedicated, data/tel complete solutions.

Modular Trunking

Modular Trunking Range

	Cat No.

Trunking Socket Module 16A
50mm x 50mm

Standard White Socket	SP2015WE

SP2015WE

International Trunking Socket 16A
50mm x 50mm

International Socket	SP2015EUWE

SP2015EUWE

Trunking Mech Plate
50mm x 25mm

1 Gang Trunking Mech Plate - white	SP2030XWE
1 Gang Trunking Mech Plate - red	SP2030XRD
1 Gang Trunking Mech Plate - blue	■ SP2030XDB
1 Gang Trunking Mech Plate - black	■ SP2030XBK

SP2030XWE

Cradles

3 Gang cradle (75mm x 50mm)	SP3MC

SP3MC

Trunking Socket Modules 13A
50mm x 50mm

13A British Standard Socket	■ SP2015PS/13

SP2015PS/13

Schuko Socket Modules 13A
50mm x 50mm

16A Schucko Socket	■ SP2015SCHUCKWE

SP2015SCHUKWE

Powerite Trunking Socket Modules 16A
50mm x 50mm

Powerite Red Socket (Horizontal Split Earth)	SP2015TRD
Powerite Blue Socket (Right Hand Diagonal Split Earth)	■ SP2015RDB
Powerite Black Socket (Left Hand Diagonal Split Earth)	■ SP2015LBK

SP2015TRD

Please note:
■ Made to order. Lead time of 6 - 8 weeks

Cat No.	Modular Trunking Range

Combination Products
75mm x 50mm

SP2015SSOWE	Standard Switched Socket Outlet on Cradle
SP2015SSOTRD	Dedicated Switched Socket Outlets on Cradle

SP2015SSOTRD

Modular Grid Plate
100mm x 100mm

ST2025MODWE	Gridplate to accommodate trunking modular sockets

ST2025MODWE

Powerskirting 16A Switched Sockets
complete with cradle

Angled Outlets

S2015PS	Standard Socket (ML2002)
S2015PST	Powerite Red Socket (Horizontal Split Earth) (ML2003)
S2015PSL	Powerite Black Socket (Left Hand Diagonal Split Earth) (ML2013)
S2015PSR	Powerite Blue Socket (Right Hand Diagonal Split Earth) (ML2019)
S2032PSC	Cradle Complete with 2 x F30Z3WE Mounting Clips + 2 x 30PWE Blanking Plugs (ML1005)

S2015PSL

S2032PSC

This domestic range includes plugtops, adaptors, extensions cords, multiplugs and extension reels.

Domestic Range | Cat No.

Plugtops

The Plug 16A	SP10WH
The Plug 16A	SP10BK
Snapper Plug 16A - white	SNP0WH
Snapper Plug 16A - clear	SNP0CL1
Snapper Plug 16A - rainbow mix	SRM1
Snapper Plug 16A - blue	SR41
Snapper Plug 16A - orange	SR61
Snapper Plug 16A - yellow	SR81
Snapper Plug 16A - brown	SR111
Chubby plugtop	SSP1CL

Powerite Plug Tops

Power Supply Plug Top Red	P10001
Power Supply Plug Top Black	P1000BK
Power Supply Plug Top Blue	P1000DB

Adaptors
White

Snapper 2 Horizontal 16A	SP20HWH
Snapper 3 Plug-in 16A	SP3HWH
1 x 16A 3 Pin + 2 x 5A 2 Pin	SP12PPWH
Snapper 3x5A Plug -in	SP03WH
Snapper 1 x 16A 3 Pin + 5A 2 Pin Plug	SP31WH

Janus Couplers 16A

Snapper Coupler Double 16A	LC202

Multiplugs

Snapperdapter + Cord	SP3XNHWH
Snapperdapter + 3m cord	SP3X3NHWH
Snapperdapter + 5m cord	SP3X5NHWH
Snapper 5 + Cord	SP5XNHWH
Snapper 5 + 3m cord	SP5X3NHWH
Snapper 5 + 5m cord	SP5X5NHWH

Image labels: SP10WH, SSP1CL, P10001, SP03WH, LC202, SP3XNHWH

Snapper & Associated Range

Cat No.	Domestic Range

Snapper Family Powerite

SP3XNPOW	3 Way Snapperdapter Unswitched + Cord
SP5XNPOW	5 Way Snapperdapter Unswitched + Cord

SP5XNPOW

Snapper Surge

SP20SHWH	Snapper 2 Surge Protection Horizontal 16A
SP3SHWH	Snapper 3 Surge Protection Plug-In 16A
SP12PPSBWH	Snapper 12 Surge Protection (1x16A 3 pin and 2x5A 2 Pin)
SP3XNSBHWH	Snapperdapter Surge Protection + Cord
SP5XNSBHWH	Snapper 5 Surge Protection + Cord

SP12PPSBWH

Extension Cords
White

SPSSX3N	Snapper Side by Side + 3M Cord 16A
SPSSX3NA	Snapper Side by Side + 3M Cord 10A
SPSSX5N	Snapper Side by Side + 5M cord 16A
SPSSX5NA	Snapper Side by Side + 5M Cord 10A
SPSSX10N	Snapper Side by Side + 10M Cord 16A
SPSSX10NA	Snapper Side by Side + 10M Cord 10A
SPSSX15N	Snapper Side by Side + 15M Cord 16A
SPSSX15NA	Snapper Side by Side + 15M Cord 10A
SPSSX20N	Snapper Side by Side + 20M Cord 16A
SPSSX20NA	Snapper Side by Side + 20M Cord 10A
SPSSX25NA	Snapper Side by Side + 25M Cord 10A

SPSSX3N

Snapper Extension Reels
complete with Double Switched Socket

SPEX1010	10A 10m extension reel
SPEX1015	10A 15m extension reel
SPEX1020	10A 20m extension reel
SPEX1025	10A 25m extension reel
SPEX1610	16A 10m extension reel
SPEX1615	16A 15m extension reel
SPEX1620	16A 20m extension reel

SPEX1010

The range offers solutions for under floor, under carpet and under tile heating. In addition to the range are our standard and electronic thermostats. The electronic thermostat is fully programmable with a built-in clock function for automatic comfort and setback temperature.

It features an electronic on/off control and can be mounted in bathrooms and other humid areas.

Underfloor Heating Range

Cat No.

Underfloor Heating Cables

25M 300W Blue Cable	S1UF332BU
50M 600W Orange Cable	S1UF6500R
78M 900W Pink Cable	S1UF978PK
90M 1200W White Cable	S1UF1290WE
110M 1600W Violet Cable	S1UF16110VI
138M 2100W Tan Cable	S1UF21138TN
140M 2300W Yellow Cable	S1UF23140YL
210M 2500W Turquoise Cable	S1UF25210TQ

Under Tile Heating Cables

25M 300W Blue Cable	S1UT325BU
55M 500W Orange Cable	S1UT5550R
78M 750W Pink Cable	S1UT770PK
95M 1000W White Cable	S1UT1090WE
110M 1500W Violet Cable	S1UT15110VI
150M 2000W Tan Cable	S1UT20150TN

S1US1UT325BU

Under Tile Heating Accessories

Under Tile Super Screed (20 kg)	S1UTSS
Under Tile Screed Binder (5 Litres)	S1UTSSB
Under Title Polyester Matt (50 m roll)	S1UTPM

Under Tile Heating Accessories

Under Floor Heating Monitor	S1UFMONITOR
Under Floor Element Spacer Strip	S1UFESS

S1UFMONITOR

Under Carpet Heating Cables

300W Foil Sheet (0.6 x 1.7m)	S1UCF3
300W Foil Sheet (1.0 x 1.5m)	S1UCF3/1
500W Foil Sheet (1.0 x 2.5m)	S1UCF5
1000W Foil Sheet (2.0 x 2.4m)	S1UCF10

S1UCF5

Underfloor Heating

Cat No.	**Underfloor Heating Range**

THERMOSTATS

S3000 Flush Thermostats
available in White (WE) and Black (BK)
100mm x 100mm

ST3020I	3600 Watt Non-Programmable Thermostat with built-in Air Sensor and a 20 Amp Double Pole Isolator
ST3020ICAP	3600 Watt Non-Programmable Thermostat with built-in Capillary Sensor and a 20 Amp Double Pole Isolator
ST3020EI	3600 Watt Programmable Thermostat with built-in Air Sensor and a 20 Amp Double Pole Isolator
ST3020EICAP	3600 Watt Programmable Thermostat with built-in Capillary Sensor and a 20 Amp Double Pole Isolator

ST3021BK

ST3020EICAPWE

S2000 Flush Thermostats
100mm x 100mm

ST2020	3600W Non - programmable Thermostat with Air Sensor
ST2020I	3600W Non - programmable Thermostat with Air Sensor complete with 20A DP Isolator
ST2020CAP	3600W Non - programmable Thermostat with Capillary Sensor
ST2020ICAP	3600W Non - programmable Thermostat with Capillary Sensor complete with 20A DP Isolator
ST2020E	3600W Programmable Thermostat with Air Sensor
ST2020EI	3600W Programmable Thermostat with Air Sensor complete with 20A DP Isolator
ST2020ECAP	3600W Programmable Thermostat with Capillary Sensor
ST2020EICAP	3600W Programmable Thermostat with Capillary Sensor complete with 20A DP Isolator

ST2020ICAP

ST2020E

ST2020EICAP

S2000 Flush Thermostats
100mm x 50mm

S2020	3600W Non - programmable Thermostat with Air Sensor
S2020CAP	3600W Non - programmable Thermostat with Capillary Sensor
S2020E	3600W Programmable Thermostat with Air Sensor
S2020ECAP	3600W programmable Thermostat with Capillary Sensor

S2020

S2020E

Ranging from ceiling mounted exhaust fans, sweep fans and fan control.

Air Movement Range

Cat No.

CE200BB

EXHAUST FANS

Ceiling Exhaust Fans

200 mm Ceiling Exhaust Fan (with ball bearing motors)	CE200
250 mm Ceiling Exhaust Fan (with ball bearing motors)	CE250

ACES48ALWE

Sweep Fans

Fan Celing Sweep 36" Aluminium Blade	ACES36ALWE
Fan Celing Sweep 48" Aluminium Blade	ACES48ALWE
Fan Celing Sweep 56" Aluminium Blade	ACES56ALWE

2031VF3CSF

Ceiling Sweep Fan Control
complete with grid plate

3 Speed Fan Controller	2031VF3CSF

Guaranteed only with Clipsal Sweep Fans

Clipsal's Industrial Switchgear range is designed to withstand highly specific operating conditions that vary widely depending on location and situation (industrial sites, waterproof and corrosive environments…). Products range from Industrial plugs and sockets, connectors and isolators.

INDUSTRIAL

Industrial Wiring Devices Range

	Cat No.

WHD20GY

Surface Mounted Isolators IP56
Weather protected / hoseproof

Double Pole Surface Switch 20A	WHD20GY (WHB220 RG)
Double Pole Surface Switch 35A	WHD35GY (WHB240 RG)
Double Pole Surface Switch 63A	WHD63GY
Triple Pole Surface Switch 20A	WHT20GY (WHB320 RG)
Triple Pole Surface Switch 35A	WHT35GY (WHB340 RG)
Triple Pole Surface Switch 63A	WHT63GY (WHC363 RG)

WS229GY

30 Mech Enclosure

Weatherproof 30 Mech Enclosure	WS229GY

56C316RPGY

Industrial Plug Top IP56

3 Pin Plug Top 230V~ 16A	56P316RPGY
16A 3 Pin 230V Switched Socket Outlet 6H	56C316RPGY

56SSW15GY

Surface Switches IP56
with enclosure

Single Pole 15A 2 Way 3 Terminal + Sliding Switch	56SSW15GY

Industrial Plugs

WPGP416-6

16A 3 Pole 230V Plug IP44	WPGP316-6
16A 4 Pole 400V Plug IP44	WPGP416-6
16A 5 Pole 400V Plug IP44	WPGP516-6
32A 3 Pole 230V Plug IP44	WPGP332-6
32A 4 Pole 400V Plug IP44	WPGP432-6
32A 5 Pole 400V Plug IP44	WPGP532-6
16A 3 Pole 230V Plug IP67	WPGW316-6
16A 4 Pole 400V Plug IP67	WPGW416-6
16A 5 Pole 400V Plug IP67	WPGW516-6
32A 3 Pole 230V Plug IP67	WPGW332-6
32A 4 Pole 400V Plug IP67 Container	WPGW432-3
32A 4 Pole 400V Plug IP67	WPGW432-6
32A 5 Pole 400V Plug IP67	WPGW532-6
63A 4 Pole 400V Plug IP67	WPGW463-6
63A 5 Pole 400V Plug IP67	WPGW563-6

WPGW463-6

Cat No.	Industrial Wiring Devices Range

Industrial Connectors

WPCP316-6	16A 3 Pole 230V Connector IP44
WPCP416-6	16A 4 Pole 400V Connector IP44
WPCP516-6	16A 5 Pole 400V Connector IP44
WPCP332-6	32A 3 Pole 230V Connector IP44
WPCP432-6	32A 4 Pole 400V Connector IP44
WPCP532-6	32A 5 Pole 400V Connector IP44
WPCW316-6	16A 3 Pole 230V Connector IP67
WPCW416-6	16A 4 Pole 400V Connector IP67
WPCW332-6	16A 3 Pole 230V Connector IP67
WPCW432-3	16A 4 Pole 400V Connector IP67 - Container
WPCW463-6	63A 4 Pole 400V Connector IP67
WPCW563-6	63A 5 Pole 400V Connector IP67

WPCP332-6

Industrial Wall Sockets

WSOWP316-6	16A 3 Pole 230V Wall Socket IP44
WS0WP416-6	16A 4 Pole 400V Wall Socket IP44
WSOWW332-6	32A 3 Pole 230V Wall Socket IP44/IP67
WSOWW432-6	32A 4 Pole 400V Wall Socket IP44/IP67
WSOWW432-3	32A 4 Pole 400V Wall Socket IP67 Container
WSOWW532-6	32A 5 Pole 400V Wall Socket IP44/IP67
WSOBW363-6	63A 3 Pole 230V Wall Socket IP67
WSOBW563-6	63A 5 Pole 400V Wall Socket IP67

WS0BW563-6

Industrial Wall Mounted Plugs

WPWP316-6	16A 3 Pole 230V Wall Plug IP44
WPWP416-6	16A 4 Pole 400V Wall Plug IP44

Industrial Flanged Sockets

WSOAP316-6	16A 3 Pole 230V Flanged Socket IP44
WSOAP416-6	16A 4 Pole 400V Flanged Socket IP44
WSOAP516-6	16A 5 Pole 400V Flanged Socket IP44
WSOAP332-6	32A 3 Pole 230V Flanged Socket IP44
WSOAP532-6	32A 5 Pole 230V Flanged Socket IP44
WSOAW316-6	16A 3 Pole 230V Flanged Socket IP67

Industrial Wiring Devices Range

WCSWW516-6

	Cat No.
Industrial Switched Interlocked Socket	
16A 4 Pole 400V Interlock Switch Socket IP44	WCSWP416-6
16A 5 Pole 400V Interlock Switch Socket IP44	WCSWP516-6
32A 3 Pole 230V Interlock Switch Socket IP44	WCSWP332-6
32A 4 Pole 400V Interlock Switch Socket IP44	WCSWP432-6
32A 5 Pole 400V Interlock Switch Socket IP44	WCSWP532-6
16A 3 Pole 230V Interlock Switch Socket IP67	WCSWW316-6
16A 4 Pole 400V Interlock Switch Socket IP67	WCSWW416-6
16A 5 Pole 400V Interlock Switch Socket IP67	WCSWW516-6
32A 3 Pole 230V Interlock Switch Socket IP67	WCSWW332-6
32A 4 Pole 400V Interlock Switch Socket IP67	WCSWW432-6
32A 5 Pole 400V Interlock Switch Socket IP67	WCSWW532-6
Industrial Switched Sockets	
63A 5 Pole 400V Large Switch Socket IP67	WCSDW563-6
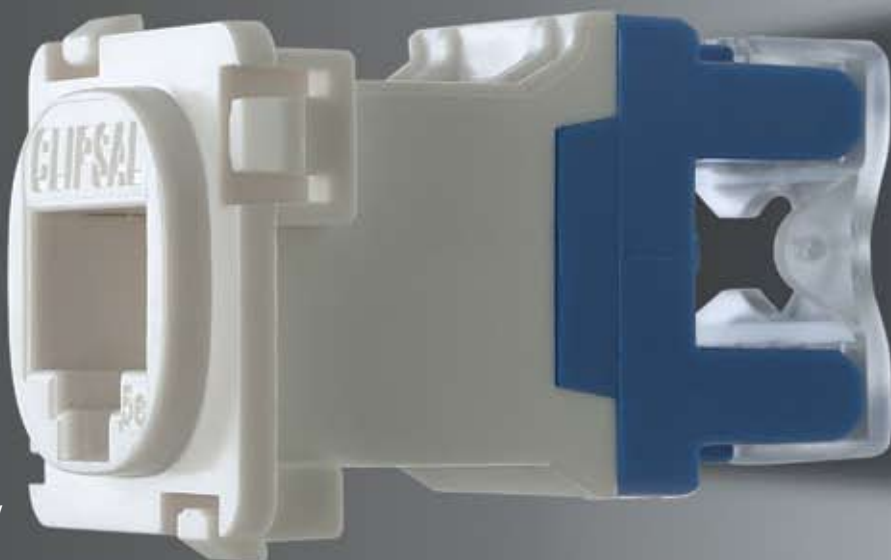
The Clipsal Titanium's range of structured cabling products have transformed conventional data communications product design. With sleek, contemporary looks and exceptional performance, the Clipsal Titanium range has already set a new benchmark for structured cabling products. The Titanium modular jacks represent the world's first flush faced, shuttered modular jack.

The range includes category 5e and Category 6 structured cabling products and is complemented by an extensive selection of allied products including Voice Solution, Flush Mounting Accessories and UTP Patch leads

VDI Range

Cat No.

Category 5e

2D4P5IPV3BGR

UTP Cable 4 pair per roll (305 m) - Blue	2D4P5IPV3BBU
UTP Cable 4 pair per roll (305 m) - Grey	2D4P5IPV3BGY
UTP Cable 4 pair per roll (305 m) - Green	2D4P5IPV3BGR
1m UTP Patch Lead - Blue	RJ5A8/10PLBU
1m UTP Patch Lead - Grey	RJ5A8/10PLGY
2m UTP Patch Lead - Red	RJ5A8/20PLRD
2m UTP Patch Lead - Grey	RJ5A8/20PLGY
3m UTP Patch Lead - Blue	RJ5A8/30PLBU
3m UTP Patch Lead - Grey	RJ5A8/30PLGY
5m UTP Patch Lead - Blue	RJ5A8/50PLBU
5m UTP Patch Lead - Grey	RJ5A8/50PLGY
Modular Socket Unshuttered - 30 Mech (RJ11, RJ45) - White	30RJ88SMA5WE
Modular Socket Unshuttered - 30 Mech (RJ11, RJ45) - Black	30RJ88SMA5BK
Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - White	30RJ88SMA5SHWE
Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Red	30RJ88SMA5SHRD
Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Blue	30RJ88SMA5SHBU
Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Green	30RJ88SMA5SHGR
Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Yellow	30RJ88SMA5SHYL
Modular Socket Unshuttered - Keystone (RJ11, RJ45) - White	RJ88SMA5WE
Modular Socket Shuttered - Keystone (RJ11, RJ45) - White	RJ88SMA5SHWE
Surface Mount Block RJ45 568A/B 1 Port (RJ11/RJ45)	SMRJ88A5/1
Surface Mount Block RJ45 568A/B 2 Port (RJ11/RJ45)	SMRJ88A5/2
Patch Panel 16 Port 568A/B	RJ5A1/16PP
Patch Panel 24 Port 568A/B	RJ5A1/24PP

RJ5A8/15PLBU

RJ88SMA5SHWE

SMRJ88A5/1

RJ5A1/16PP

RJ5A1/16PP

Cat No.	**VDI Range**

Category 6

2D4P6IPV3BBU	UTP Cable 4 pair per roll (305m) - Blue
2D4P6IPV3BGY	UTP Cable 4 pair per roll (305m) - Grey
RJ6A8/10PLBU	1m UTP Patch Lead - Blue
RJ6A8/10PLGY	1m UTP Patch Lead - Grey
RJ6A8/20PLRD	2m UTP Patch Lead - Red
RJ6A8/20PLGY	2m UTP Patch Lead - Grey
RJ6A8/30PLBU	3m UTP Patch Lead - Blue
RJ6A8/30PLGY	3m UTP Patch Lead - Grey
30RJ88SMA6WE	Modular Socket Unshuttered - 30 Mech (RJ11, RJ45) - White
30RJ88SMA6SHWE	Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - White
30RJ88SMA6SHRD	Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Red
30RJ88SMA6SHBU	Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Blue
30RJ88SMA6SHGR	Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Green
30RJ88SMA6SHYL	Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Yellow
30RJ88SMA6SHBK	Modular Socket Shuttered - 30 Mech (RJ11, RJ45) - Black
RJ88SMA6WE	Modular Socket Unshuttered - Keystone (RJ11, RJ45) - White
RJ88SMA6SHWE	Modular Socket Shuttered - Keystone (RJ11, RJ45) - White
SMRJ88A6/1WE	Surface Mount Block RJ45 568A/B 1 Port (RJ11/RJ45)
SMRJ88A6/2WE	Surface Mount Block RJ45 568A/B 2 Port (RJ11/RJ45)
RJ6A1/16PP	Patch Panel 16 Port 568A/B
RJ6A1/16PPSH	Patch Panel 16 Port 568A/B shuttered
RJ6A1/24PP	Patch Panel 24 Port 568A/B
RJ6A1/24PPSH	Patch Panel 24 Port 568A/B shuttered
31071U24KPPI	Patch Panel 24 Port 568A/B shuttered Fully Featured

Voice Solution

3100VDM10	Disconnect Module 10 Pair
3100E301DF	30 Pair Enclosure accommodates 3 Modules

RJ6A8/10PLBU

30RJ88SMA6WE

SMRJ88A6/2

3100VDM10

RJ6A1/24PPSH

Exclusive to the C-Bus Automation and Management System.

Includes ULTI-Saturn, crafted from pure glass, reflection, a stainless steel beauty, and the unique NEO range.

Switches can be programmed to control any electrical device connected to the C-Bus Automation System.

New Digital Labelling Technology range with ULTI-Saturn and NEO switches.

C-Bus Wireless products enable you to retrofit C-Bus enabled switches into an existing installation - perfect for renovations.

C-Bus Wireless Range

Cat No.

RELAY UNITS

Wireless Wall Plates with integral Relay Outputs all fluorescent rating

NEO Style

5858R8F1AAGB

2 Key, 1 Channel Relay, 8A	5852R8F1AAGB
4 Key, 1 Channel Relay, 8A	5854R8F1AAGB
8 Key, 1 Channel Relay, 8A	5858R8F1AAGB
4 Key, 2 Channel Relay, 4A per Channel rating	5854R4F2AAGB
8 Key, 2 Channel Relay, 4A per Channel rating	5858R4F2AAGB

ULTI-Saturn Style

5882R8F1AAGF

2 Key, 1 Channel Relay, 8A	5882R8F1AAGF
4 Key, 1 Channel Relay, 8A	5884R8F1AAGF
6 Key, 1 Channel Relay, 8A	5886R8F1AAGF
4 Key, 2 Channel Relay, 4A per Channel rating	5884R4F2AAGF
6 Key, 2 Channel Relay, 4A per Channel rating	5886R4F2AAGF

DIMMER UNITS

Wireless Wall Plates with Integral Dimmer Outputs

NEO Style, Leading Edge Dimming

5858D1L2AAGB

2 Key, 1 Channel Leading Edge Dimmer, 500VA	5852D2L1AAGB
4 Key, 1 Channel Leading Edge Dimmer, 500VA	5854D2L1AAGB
8 Key, 1 Channel Leading Edge Dimmer, 500VA	5858D2L1AAGB
4 Key, 2 Channel Leading Edge Dimmer, 250VA per Channel	5854D1L2AAGB
8 Key, 2 Channel Leading Edge Dimmer, 250VA per Channel	5858D1L2AAGB

NEO Style, Trailing Edge Dimming

5854D2T1AAGB

2 Key, 1 Channel Trailing Edge Dimmer, 500VA	5852D2T1AAGB
4 Key, 1 Channel Trailing Edge Dimmer, 500VA	5854D2T1AAGB
8 Key, 1 Channel Trailing Edge Dimmer, 500VA	5858D2T1AAGB
4 Key, 2 Channel Trailing Edge Dimmer, 250VA per Channel	5854D1T2AAGB
8 Key, 2 Channel Trailing Edge Dimmer, 250VA per Channel	5858D1T2AAGB

ULTI-Saturn Style, Leading Edge Dimming

5886D1L2AAGF

2 Key, 1 Channel Leading Edge Dimmer, 500VA	5882D2L1AAGF
4 Key, 1 Channel Leading Edge Dimmer, 500VA	5884D2L1AAGF
6 Key, 1 Channel Leading Edge Dimmer, 500VA	5886D2L1AAGF
4 Key, 2 Channel Leading Edge Dimmer, 250VA per Channel	5884D1L2AAGF
6 Key, 2 Channel Leading Edge Dimmer, 250VA per Channel	5886D1L2AAGF

Cat No.	C-Bus Wireless Range

ULTI-Saturn Style, Trailing Edge Dimming

5882D2T1AAGF	2 Key, 1 Channel Trailing Edge Dimmer, 500VA
5884D2T1AAGF	4 Key, 1 Channel Trailing Edge Dimmer, 500VA
5886D2T1AAGF	6 Key, 1 Channel Trailing Edge Dimmer, 500VA
5884D1T2AAGF	4 Key, 2 Channel Trailing Edge Dimmer, 250VA per Channel
5886D1T2AAGF	6 Key, 2 Channel Trailing Edge Dimmer, 250VA per Channel

5884D2T1AAGF

Wireless Plug Adaptors

5812D3L1RA	1 Channel Leading Edge Dimmer, 3A
5812R15F1RA	Plug Adapter CBus Wireless, 1 Channel Relay, 15A

5812R15F1RA

Wireless Hand Held Remote

5888TXBA	8 Key remote

Wireless Gateway

5800WCGA	C-Bus Wireless Gateway

5888TXBA

Spacers for switches

5050SD*	Spacer to suit NEO switch
5080SD*	Spacer to suit ULTI-Saturn switch

5800WCGA

Note: *Indicates 8 week order status

C-Bus Control & Management System

C-Bus Wired Range

	Cat No.
INPUT UNITS	
S2000 Key Input Units, learn enabled	
Key Input, 1 gang	5031NL
Key Input, 2 gang	5032NL
Key Input, 4 gang	5034NL
NEO Key Input Units, learn enabled	
Key Input, 2 gang, learn enabled	5052NLGB
Key Input, 4 gang, learn enabled	5054NLGB
Key Input, 8 gang, learn enabled	5058NLGB
NEO Accessories	
Rocker and Spacer for rectangular series NEO key input (pack of 20)	5058NRP*
ULTI-SATURN KEY INPUT UNITS, LEARN ENABLED	
ULTI-Saturn - Glass Fascia	
2 gang with transparent glass fascia, white	5082NLGF
2 gang with transparent glass fascia, black	5082NL-680
4 gang with transparent glass fascia, white	5084NLGF
4 gang with transparent glass fascia, black	5084NL-680
6 gang with transparent glass fascia, white	5086NLGF
6 gang with transparent glass fascia, black	5086NL-680
ULTI-Saturn - Accessories	
Mounting Frames	5850F*
Pre-Labeled Caps	5080LC*
(DLT) DYNAMIC LABELLING TECHNOLOGY	
NEO DLT	
Key Input, 5 gang, LCD	5055DLGB
ULTI-Saturn DLT - Glass Fascia	
Key Input, 5 gang, transparent glass fascia, LCD, white	5085DLGF
Key Input, 5 gang, transparent glass fascia, LCD, cream	5085DL-380
Key Input, 5 gang, transparent glass fascia, LCD, black	5085DL-680

5034NL

5058NLGB

5086NLGF

5085DLGF

C-Bus Control & Management System

Cat No.	C-Bus Wired Range
	REFLECTION KEY INPUT UNITS, LEARN ENABLED
	Reflection Series
R5061NL*	Key Input, 1 gang
R5062VNL*	Key Input, 2 gang - vertical
R5063NL*	Key Input, 3 gang
R5064VNL*	Key Input, 4 gang - vertical
R5066NL*	Key Input, 6 gang
R5068NL*	Key Input, 8 gang

R5064VNL

	Reflection Series - Wall Box
R5060WB	Wallbox for Reflection range key input units

R5060WB

	Scene Master Scene Controller, learn enabled
5035NIRSLTR	5 Key scene controller with IR (including hand - held remote control) - white with smoked transparent cover
5035TX*	Remote Control to suit Touch Screen or Scene Master (5 key)

	Passive Infrared Motion Detectors
5750WPL	Occupancy sensor, infrared, 110 degree, outdoor - learn enabled
5751L	Occupancy sensor, infrared, indoor, 90 degree, corner mount - learn enabled
5753L	Occupancy sensor, infrared, indoor 360 degrees flush mount - learn enabled
5753PEIRL	Indoor Multi Sensor, 360 degree

5751L

	Light Level Sensor
5031PE	Light Level Sensor, 2000 Series
5031PEWP	Light Level Sensor, IP56 Rated

5031PE

	Temperature Sensor S2000 series
5031TSWE	Temperature Sensor, -50 degrees centigrade

	Infrared receiver, learn enabled S2000 series
5031NIRLWE	4 Channel infrared receiver

5031TSWE

C-Bus Control & Management System

C-Bus Wired Range

Cat No.

L5504AUX

Bus Coupler Input Unit

4 Channel bus coupler, learn enabled	5104BCL

Auxiliary Input Unit - Din Rail Mounted

4 Channel auxiliary input module, learn enabled	L5504AUX
4 Channel General Input unit with 24Vac plug pack	5504GI*

Remote Controls

Infra red remote control, 8 key	5088TX
Infrared remote control, 8 keys, credit card size for NEO key inputs	5038TX
Remote Control to suit Touch Screen or Scene Master (5 key)	5035TX*
Universal Remote Control	5030URC

5030URC

TOUCH SCREENS

Please note: Before C-Bus Touch Screens become functional units, they have to be programmed by a CSA Systems Intergrator or an Approved Installer with the appropriate accreditation, using the Windows compatible Touch Screen configuration software. The manufacturer's warranty will be void if this is not complied with. Please contact your C-Bus specialist for further details.

Monochrome Touch Screens

Touchscreen MKII (Without Logic)	
C-Bus B&W T/Screen MKII (c/w Saturn Style Fascia, White)	5080CT2,GF
C-Bus B&W T/Screen MKII (c/w Saturn Style Fascia, Black)	5080CT2-6
C-Bus B&W T/Screen MKII (c/w NEO Style Facia, Grey and Brushed Aluminium)	5050CT2,GB
C-Bus B&W T/Screen MKII (c/w NEO Style Facia, White)	5050CT2,WE
C-Bus B&W T/Screen MKII (c/w Plastic Facia, white)	SC5000CT2,WE
C-Bus B&W T/Screen MKII (c/w Plastic Facia, Black)	SC5000CT2,BK
Touchscreen MKII (With Logic)	
C-Bus B&W T/Screen MKII Including Logic Engine (c/w Saturn Style facia, Black)	5080CTL2,GF
C-Bus B&W T/Screen MKII Including Logic Engine (c/w Saturn Style facia, White)	5080CTL2-6
C-Bus B&W T/Screen MKII Including Logic Engine (c/w NEO Style Facia, White)	5050CTL2,GB
C-Bus B&W T/Screen MKII Including Logic Engine (c/w NEO Style Facia, Grey and Brushed Aluminium)	5050CTL2,WE

5080CT2,GF

C-Bus Control & Management System

Cat No.	C-Bus Wired Range
	Monochrome Touch Screens
SC5000CTL2,WE	C-Bus B&W T/Screen MKII Including Logic Engine (c/w Plastic Facia, white)
SC5000CTL2,BK	C-Bus B&W T/Screen MKII Including Logic Engine (c/w Plastic Facia, Black)
	Accessories For Touchscreen MKII
5000CT2RS232	RS232 Lead For B&W T/Screen MKII (Suitable for Logic Engine Version Only)
5000CT2WB	Wall Box for B&W T/Screen MKII
5080CT2F,GF	C-Bus B&W T/Screen MKII Facia (Saturn Style White)
5080CT2F-3	C-Bus B&W T/Screen MKII Facia (Saturn Style Cream)
5080CT2F-7	C-Bus B&W T/Screen MKII Facia (Saturn Style Brown)
5080CT2F-6	C-Bus B&W T/Screen MKII Facia (Saturn Style Black)
5050CT2F,GB	C-Bus B&W T/Screen MKII Facia (NEO Style Grey and Brushed Aluminium)
5050CT2F,WE	C-Bus B&W T/Screen MKII Facia (NEO Style White)
5050CT2F-28	C-Bus B&W T/Screen MKII Facia (NEO Style White and Brushed Aluminium)
5050CT2F,BK	C-Bus B&W T/Screen MKII Facia (NEO Style Black)
BS5000CT2F	C-Bus B&W T/Screen MKII Facia (Metal Facia, Brushed Stainless Steel)
BB5000CT2F	C-Bus B&W T/Screen MKII Facia (Metal Facia, Polished Brass)
SC5000CT2F,WE	C-Bus B&W T/Screen MKII Facia (Plastic Style White)
SC5000CT2F,CM	C-Bus B&W T/Screen MKII Facia (Plastic Style Cream)
SC5000CT2F,BK	C-Bus B&W T/Screen MKII Facia (Plastic Style Black)
	COLOUR TOUCH SCREENS
	Colour Touch Screen - ULTI Saturn Style
5080CTC2GF	Touch Screen, 6.4 inch colour, c/w White Glass
5080CTC2-6	Touch Screen, 6.4 inch colour, c/w Black Glass
5000CTCPS/2	Power Supply for 6.4 inch touch screen
5000CTCWB	Wall Box for 6.4 inch Colour Touch Screen
	Colour Touch Screen - Accessories
5080CTCFGF	Colour Touch Screen Glass Cover - White
5080CTCF-6	Colour Touch Screen Glass Cover - Black
5050CTCFWE	Colour Touch Screen NEO Cover - White
5050CTCFBK	Colour Touch Screen NEO Cover - Black
5050CTCFGB	Colour Touch Screen NEO Cover - Grey & Brushed Aluminium
5035TX*	Remote Control to suit Touch Screen or Scene Master (5 key)

5080CT2,GF

5080CTC,GF

C-Bus Control & Management System

C-Bus Wired Range

Cat No.

OUTPUT UNITS

RELAY UNITS

Din Rail Mounted Relay Units, 240 Vac learn enabled

L5504RVF

2 Channel relay, 10A inductive load per channel non Din rail mount (surface mount only)	5102RVF
4 Channel relay, 10A inductive load per channel 200mA Power Supply	L5504RVF
4 Channel relay, 10A inductive load per channel no Power Supply	L5504RVFP
8 Channel relay, 10A inductive load per channel 200mA Power Supply	L5508RVF
12 Channel relay, 10A inductive load per channel 200mA Power Supply	L5512RVF
12 Channel relay, 10A inductive load per channel no Power Supply	L5512RVFP
4 Channel relay, 20A inductive load per channel 200mA Power Supply	L5504RVF20

DIMMER UNITS

Professional Series Dimmer Range, 240 Vac, learn enabled

L5104D5

4 Channel dimmer, 5A per channel, 20A total, 60 mA Power Supply	L5104D5
2 Channel dimmer, 10A per channel, 20A total, 60 mA Power Supply	L5102D10*
1 Channel dimmer, 20A per channel, 20A total, 60 mA Power Supply	L5101D20*

Architectural Series Dimmer Range, 240 Vac, learn enabled

12 Channel Dimmer, 240 Vac, 40/80Hz, 10A, 1P MCCB	L5112D10B2*
12 Channel Dimmer, 240 Vac, 40/80Hz, 12A, 1P MCCB	L5112D12B2*
12 Channel Dimmer, 240 Vac, 40/80Hz, 16A, 1P MCCB	L5112D16B2*

Accessories

Shallow Mounting Bracket	5150SMB*
Deep Mounting Bracket	5150DMB*
DMX Connector Kit	5150DMX*

Cat No.	C-Bus Wired Range

L5508D1A

Din Rail Mounted Dimmer Range 240 Vac, learn enabled

L5508D1A	8 Channel dimmer, 1A per channel, 200 mA Power Supply
L5508D1AP	8 Channel dimmer, 1A per channel, no Power Supply
L5504D2A	4 Channel dimmer, 2A per channel, 200 mA Power Supply
L5504D2AP	4 Channel dimmer, 2A per channel, no Power Supply

Din Rail Mounted Universal Dimmer Range 240 Vac, learn enabled

L5504D2U	4 Channel Universal dimmer, 2.5A per channel, 200 mA Power Supply
L5504D2UP	4 Channel Universal dimmer, 2.5A per channel, no Power Supply
L5508DSI	8 Channel dimmer for DSI electronic ballasts 200mA Power Supply
5502DAL*	2 Channel DALI Gateway - learn enabled
L5504AMP*	4 Channel Analogue Output Unit 0 - 10Volts, no power supply

L5508DSI

INFRA-RED OUTPUT UNITS

Please note: Before C-Bus Infra-red unit become functional units, they have to be programmed by a CSA Systems Integrator or an Approved Installer with the appropriate accreditaion, using the Windows compatible Infra-red Unit configuration software. The manufacturer's warranty will be void if this is not complied with. Please contact your C-Bus specialist for further details.

5034NIRTWE

Wall Mounted Infra-red Transmitter Units

5034NIRT	2 Channel Infra-red transmitter unit
8050/2LD	IR Emitter Lead, Dual

Accessories

5100HSC	High Speed Programme cable
	Infra-red Code Learning Unit, complete with Windows based software. Required for learning most third party infra-red codes not included in the code library shipped with the infra-red transmitter unit software.
5100RP*	IR Code reader

5100RP

C-Bus Control & Management System

C-Bus Wired Range

	Cat No.
### IR Distribution	
IR Emitter, Junction box with plug pack	8050EJ
IR Target Junction Box	8050TJ
IR Shelf Target with 1.8m cable	8050ST
IR Tube Target with 1.8m Cable	8050TT
IR Flat Target with 1.8m Cable	8050FT
Power Supply, 350mA Systems Support Unit	5500PS
### DIN Rail Mounted PC Interface	
PC Interface - Serial	5500PC
PC Interface - USB	5500PCU
### DIN Rail Mounted Computer Network Interface	
Computer Network Interface with 220V	5500CN
### DIN Rail Mounted Logic Engine	
Pascal Logic Engine	5500PACA
### DIN Rail Mounted Network Bridge	
Network Bridge	5500NB
### Network Analyser	
Network Analyser	5100NA
### C-Bus Cable	
Cat 5, 2 pair, UTP cable, 500 metres, pink	5005C500B
### Thermostats	
Single Zone Thermostat	5070THBRGWE
4 Zone Thermostat	5070THPRGWE
### Software Packages	
Homegate, 2 Network (Version 4)	5000SDHG10/4
Homegate, 10 Network (Version 4)	5000SDHG2/4
Schedule Plus (Version 3)	5000SP/3
Schedule Plus, 5 Network (Version 3)	5000SP5/3

5500PC

5500CN

SC-Bus Control & Management System

Cat No.	C-Bus Wired Range

MULTI-ROOM AUDIO SYSTEM

The C-Bus Multi-Room Audio System must be used in conjunction with third party audio source equipment. Audio source equipment is not included in the range.

AUDIO

Audio Matrix Switcher

560884C	Audio Matrix Switcher for Clipsal Multi-room Audio system, C-Bus Enabled, 4 Stereo audio input sources and 8 digital audio output sources

560884C

Audio Distribution Unit

560011	One Sterio audio input source and one digital output source

560125D/2

Audio Amplifiers

560125D/2	25 Watt/Channel (RMS) Sterio Audio Amplifier C-Bus Enabled, Desktop Mount Version
560125R/2	25 Watt/Channel (RMS) Sterio Audio Amplifier C-Bus Enabled, Remote Mount Version
5600P24H3750C	Power Supply - 25 Watt
56125MB	Remote Amplifier Mounting Bracket

Audio Speakers

5600IWP	Flush Mounted Speakers (Pair), rectangular, in wall, 60W, 8 Ohm, Polypropylene Drivers
5600IWK	Flush Mounted Speakers (Pair), rectangular, in wall, 60W, 8 Ohm, Kevlar Drivers
5600ICP	Flush Mounted Speakers (Pair), circular in wall, 60W, 8 Ohm, Polypropylene Drivers
5600ICK	Flush Mounted Speakers (Pair), circular in wall, 60W, 8 Ohm, Kevlar Drivers
5600ODP	Outdoor/shelf-top Speakers (Pair), 60W, 8 Ohm, Polypropylene Drivers

5600IWP

2D4P5IPV3BGR

Care and Cleaning

S3000 Modena products are designed for durability and resistance to marking. Over time, however, normal usage can result in the build-up of dust and grime from finger marks etc.
Like most wall plate ranges in South Africa, the polycarbonate material that provides Modena with their strength and toughness can be susceptible to

physical degradation over time if subjected to certain chemical

compounds, including those that may be found in some common household cleaners.

S3000 Modena products should only be cleaned with a water dampened cloth in order to maintain their optimum appearance and longevity.

Assembly and Wiring

GENERAL INSTRUCTIONS
- It is illegal for persons other than those authorised by legislation to work on the fixed wiring of any electrical installation.
- All installations must be in accordance with local Electrical Wiring Regulations and Building Codes of Practice.
- CLEANING – To clean, simply use a cloth dampened with water only. Cleaning agents are not recommended as their use may harm the product and void warranty claims.

Fitting Instructions

1. Modular accessories can be wired before or after clipping into the frame.
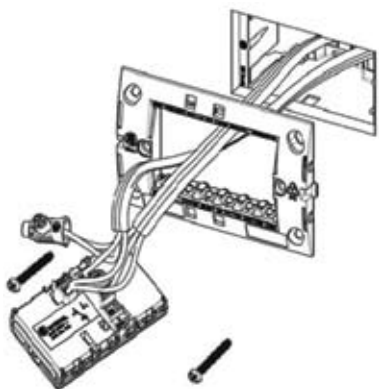
2. Once the module is firmly clipped to the frame the cover can be clipped into place.
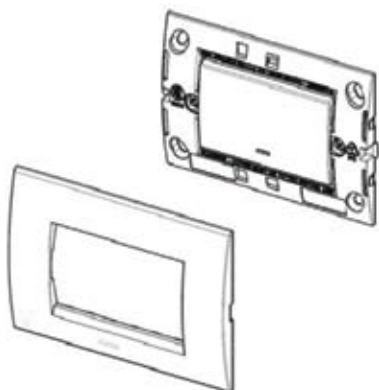
Cover Removal

To remove cover insert a flat blade screwdriver between cover and frame tab and gently lever apart.
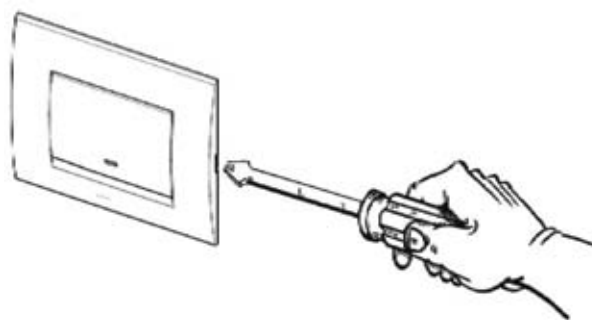
Module Removal

To remove modules use ejector tool (40MET) as shown below.

Ejector Tool

Module Releases in this Direction

Detail A
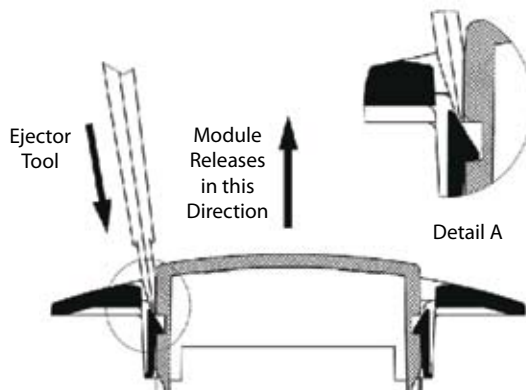
Ejector tool must be pushed in straight down and not wiggled.

Dimensional Drawings

Module Sizes

12mm	25mm	37mm	50mm	75mm
45.80mm	45.80mm	45.80mm	45.80mm	45.80mm
Half Standard (S1)	**Standard (S2)**	**Medium (S3)**	**Vertical (S4)**	**Large (S6)**
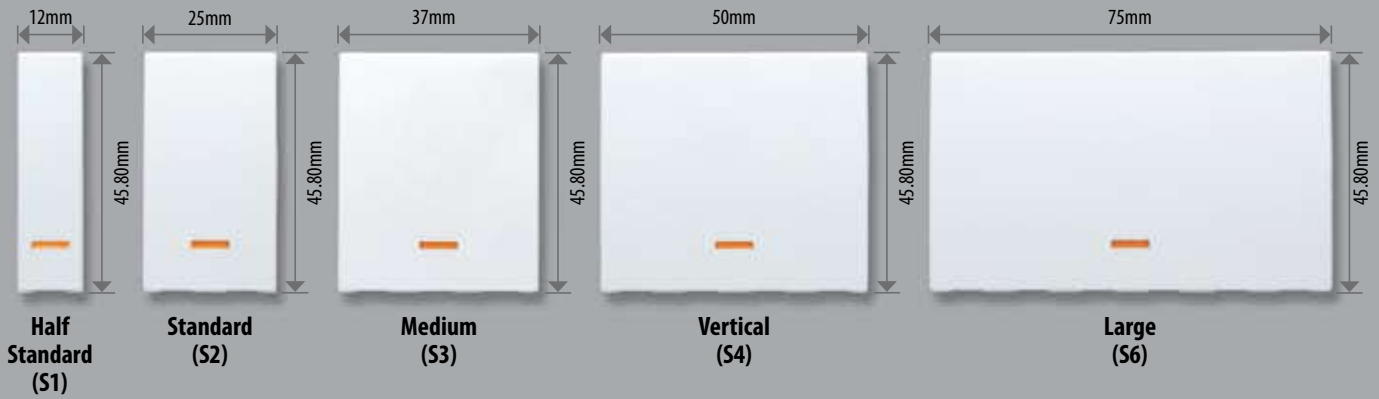
Modules available: White (WE) and Black (BK)

Modena Plastic Surrounds

126mm

S3000

214mm / 9mm / 85mm

S3000/2

126mm

ST3000

126mm / 9mm / 126mm

ST3000V
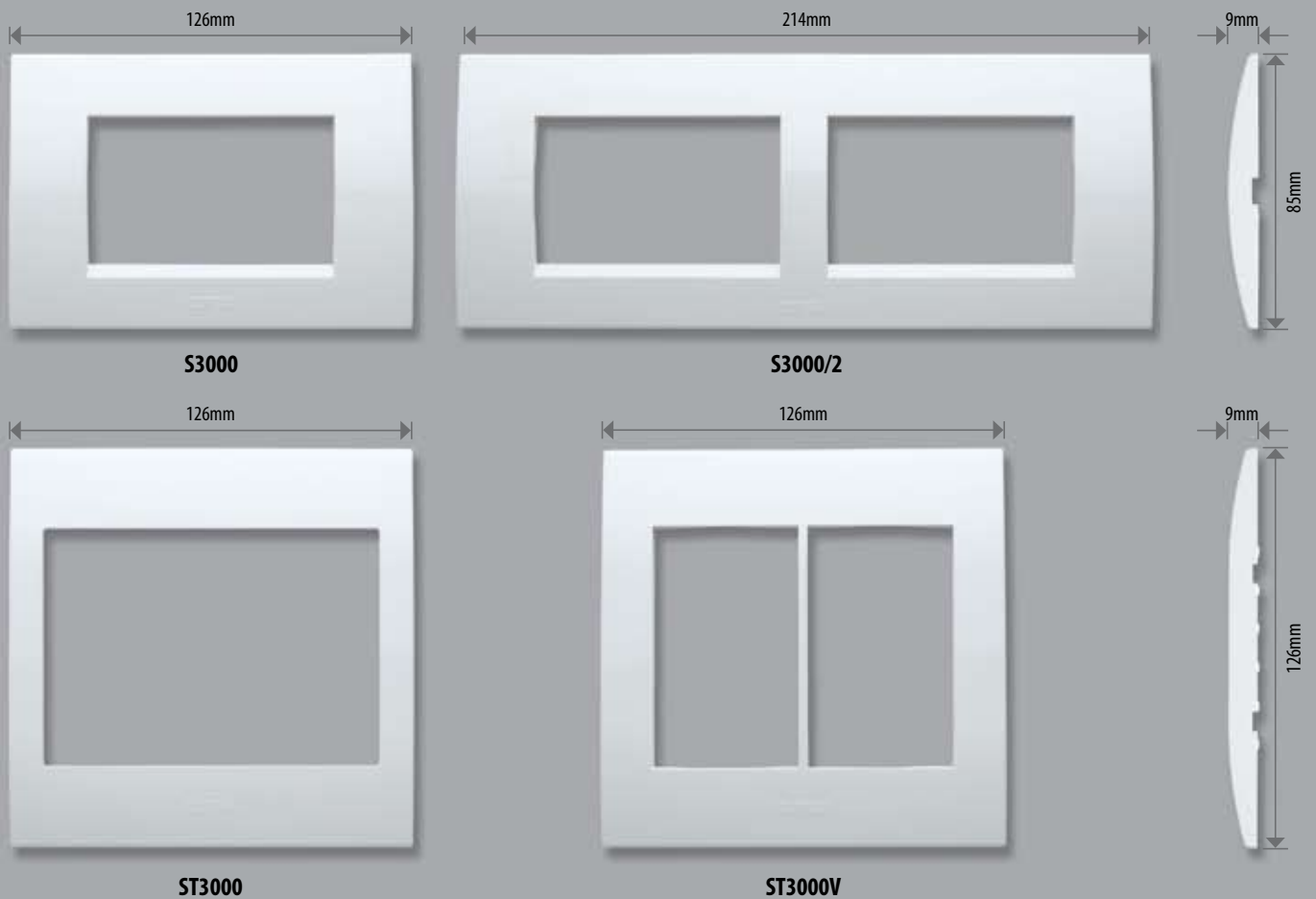
Coloured surrounds available:
White (WE), Black (BK), Blue (BL), Charcoal (CHL), Champagne (CH), Gun Metal (GM), Red (RD) & Platinum (PT)

S3000

Frames

120mm
83mm
80mm
50mm
80mm

S3000F

209mm
170mm
84mm
84mm
50mm
80mm

S3000/2F

120mm
97mm
80mm
120mm
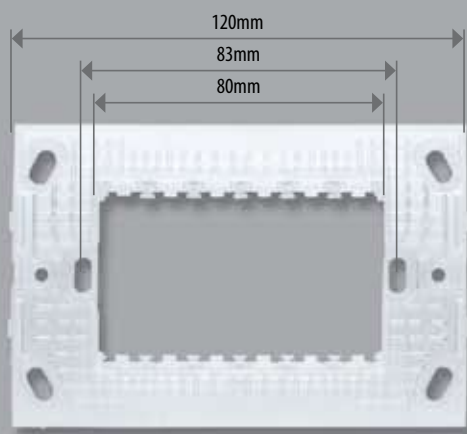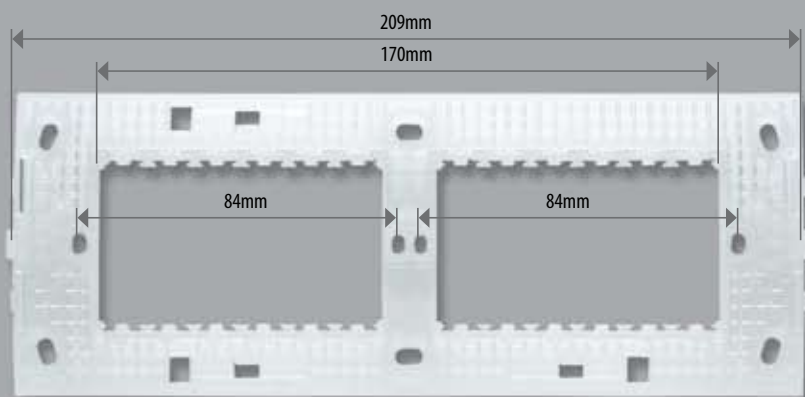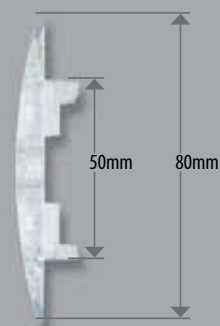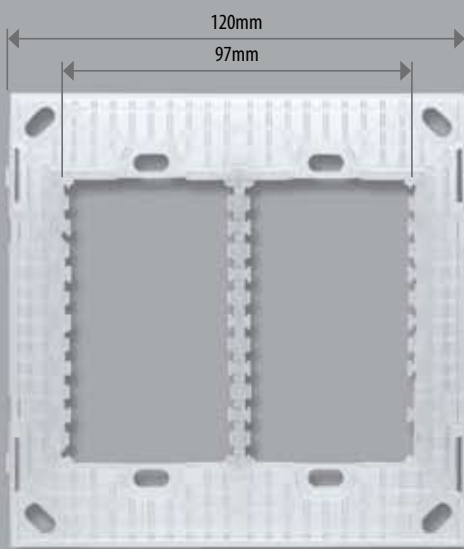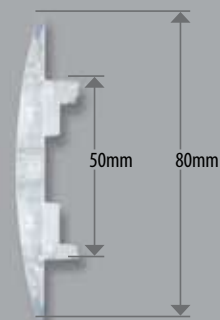
S3000VF
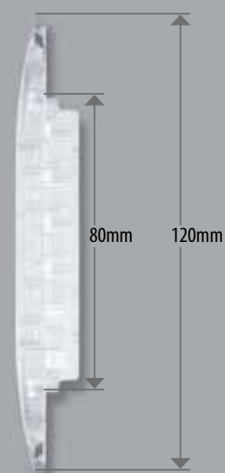
Wiring Diagrams

1 Way Switching (WE) White or (BK) Black Colour

No Neon/LED available

Neutral

Unswitched Live

40/1/2A0.5M

1 Way Switching (WE) White or (BK) Black Colour

Neon/LED Permanently On

Neutral

Unswitched Live

Neon/LED

40/1/2A1.0M; 40/1/2A1.5M; 40/1/2A2.0M; 40/1/2A3.0M; "Icon" Modules

1 Way Switching (WE) White or (BK) Black Colour

Neon/LED On when Load Switched On

Neutral

Unswitched Live

Neon/LED

40/1/2A1.0M; 40/1/2A1.5M; 40/1/2A2.0M; 40/1/2A3.0M; "Icon" Modules

Wiring Diagrams

2 Way Switching   (WE) White or (BK) Black Colour
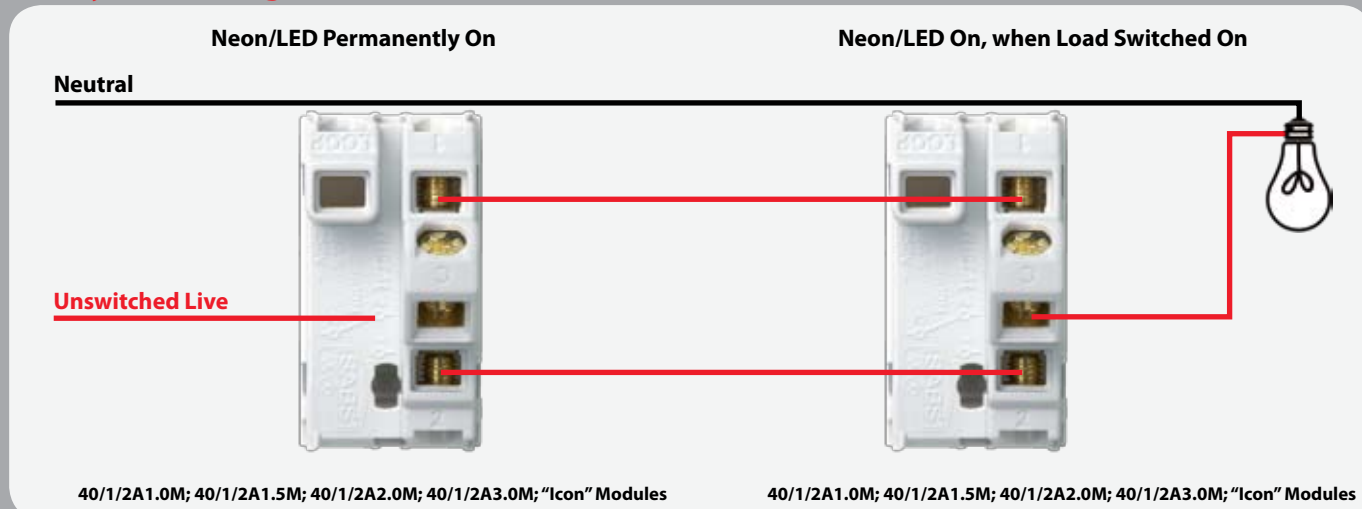
Neon/LED Permanently On   **Neon/LED On, when Load Switched On**

Neutral

Unswitched Live

40/1/2A1.0M; 40/1/2A1.5M; 40/1/2A2.0M; 40/1/2A3.0M; "Icon" Modules   40/1/2A1.0M; 40/1/2A1.5M; 40/1/2A2.0M; 40/1/2A3.0M; "Icon" Modules

Switched Socket (WE) White or (BK) Black Colour

Neon/LED On Permanently   **Neon/LED On Permanently**

Neon/LED

Earth

Unswitched Live

Neutral

Neon/LED

40/1/2A1.0M   3015

Switched Socket (WE) White or (BK) Black Colour

Neon/LED On when Socket Switched On   **Neon/LED On when Socket Switched On**

Neon/LED

Earth

Unswitched Live

Neutral

Neon/LED

40/1/2A1.0M   3015
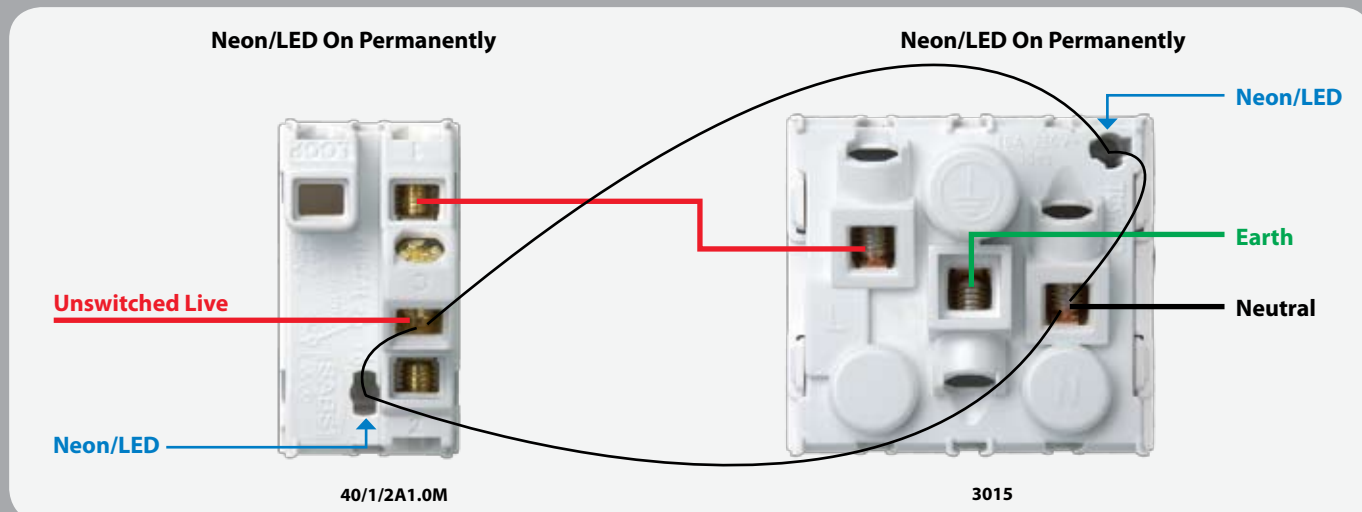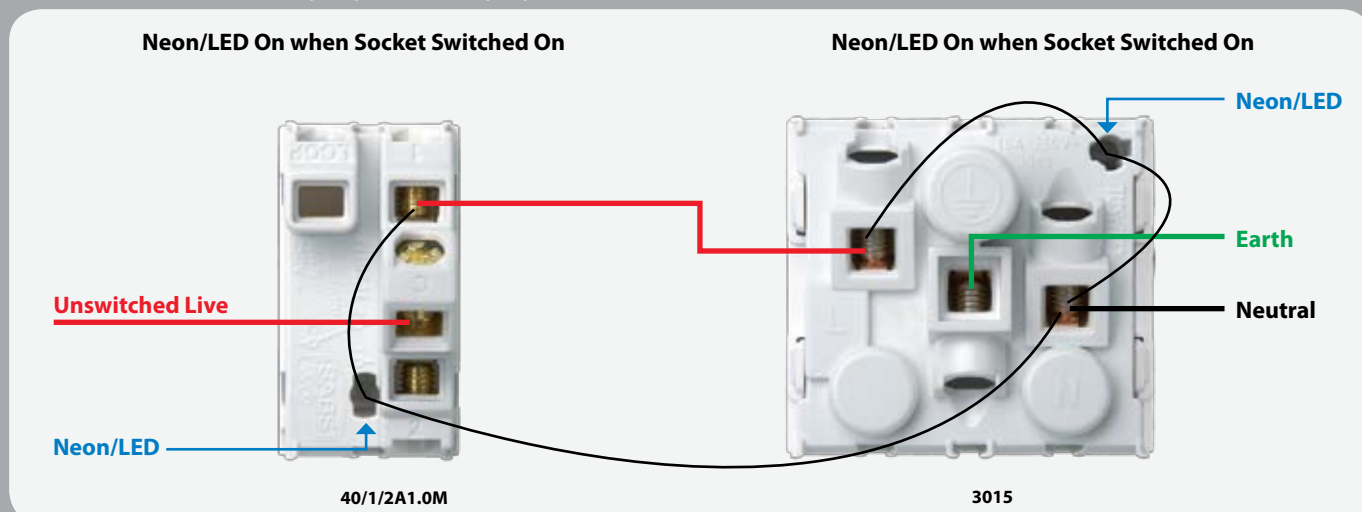
Wiring Diagrams

Switched Socket (WE) White or (BK) Black Colour

Neon/LED Permanently On

Earth
Unswitched Live
Neutral
Neon/LED

ST3015

Neon/LED Permanently On

Neon/LED
Unswitched Live
Earth
Neutral

ST3025

Switched Socket (WE) White or (BK) Black Colour

Neon/LED On when Socket Switched On

Earth
Unswitched Live
Neutral
Neon/LED

ST3015

Neon/LED On when Socket Switched On

Neon/LED
Unswitched Live
Earth
Neutral

ST3025
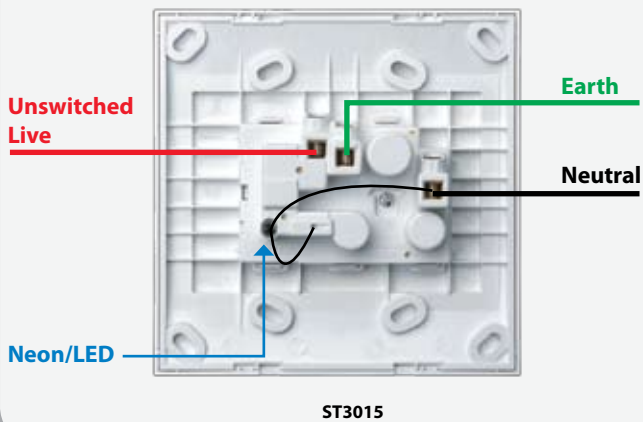
Shaver Socket (WE) White or (BK) Black Colour

Neutral
Earth
Unswitched Live

S3727V

1 Way / 2 Way Mechanisms

30M,30M15,30M20,30M35

30/1/2/LM,30/ELM

Intermediate Mechanism

Position 1 (Up)

Position 2 (Down)

30MI
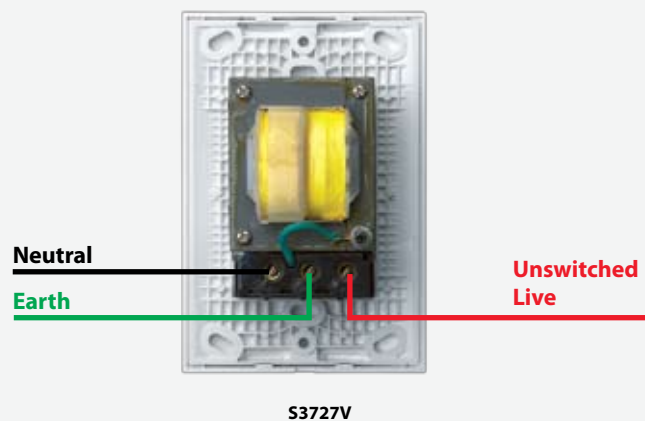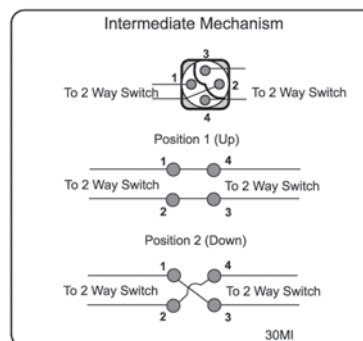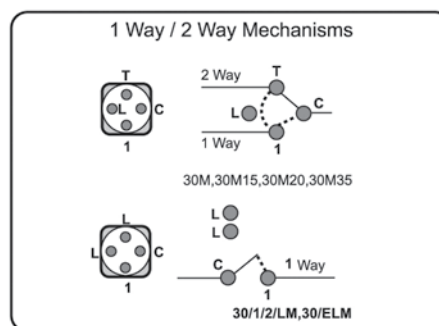
Installation & Operating Instructions for: S2020E, S2020E-CAP, ST2020E, ST2020EI, ST2020ECAP and ST2020EICAP

Introduction

The electronic thermostat is fully programmable, capable of switching on and adjusting your heating system at pre-determined times on different days of the week. You can set 4 periods called events, each day, with different temperatures for each event.

The thermostats are programmed with a default factory schedule (**see point 4**), suitable for most installations. Unless you change these settings, the thermostat will operate to this default program.

1. Getting started

Buttons
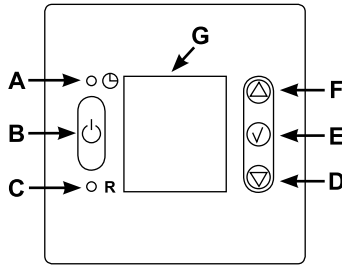
A - Pin button to adjust clock
B - On/off
C - Reset to factory setting
D - Adjustment down
E - OK to Accept
F - Adjustment up
G - Display

Display Symbols
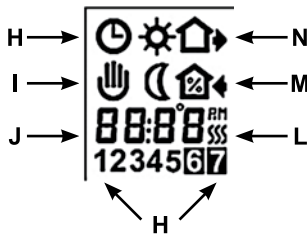
H - Clock Function
I - Manual mode
J - Time and temperature
K - Day number
L - Heating on
M - % Monitoring of switch-on time
N - 4 event symbol

☀ Wake   ⌂⃗ Out / Away

☾ Night   ⌂ Home

### 1. Starting the operation of the thermostat

The first time power is connected, the clock and day indicators will be flashing, and must be set. If you need to adjust the time of the thermostat at a later date, insert a pen into into the hole for setting of time and day. Adjustment must be made for summer and winter time where daylight saving is applicable.

Press the UP (△) or DOWN (▽) buttons to select the correct time and press OK ( ) button.

Then press the UP (△) or DOWN (▽) buttons to select the correct day and press OK (√) button.
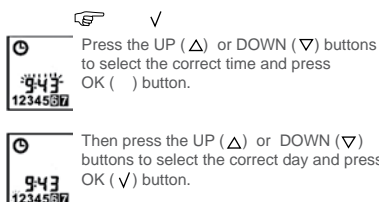
2. Daily use of the thermostat

4-event clock mode

Each day has been split into 4 events describing a typical day. When the thermostat is in 4-event mode it will automatically adjust the temperature according to the programmed temperature and time.
As standard, the thermostat has 5 days with 4 events (typically Monday to Friday), and 2 days with 2 events (Saturday and Sunday).
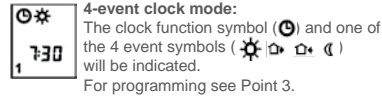
4-event clock mode:
The clock function symbol (🕐) and one of the 4 event symbols (☀ ⌂⃗ ⌂ ☾) will be indicated.
For programming see Point 3.

Comfort mode:
Temporary override

☞△▽ √ ⏳ **5 secs**

To temporarily override the temperature in the 4-event schedule program, press the UP (△) and DOWN (▽) button once, to show the temperature, and press again to increase or decrease the temperature.
The display will flash for 5 seconds, and will then revert to the time. The override will operate until the next programmed event when the unit will resume the automatic programme.
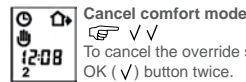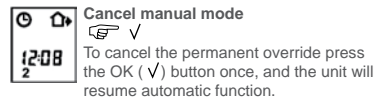
Cancel comfort mode
☞ √ √
To cancel the override state, press the OK (√) button twice.

Manual Mode:
Permanent override:
☞△▽ ⏳ **5 secs**
During holidays, the scheduled 4-event program can be overridden. Press the OK (√) button, and then the UP (△) or DOWN (▽) button until the override temperature is set. The unit will now operate to this temperature permanently.
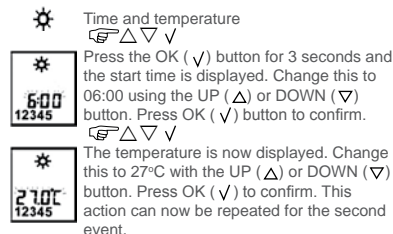
Cancel manual mode
☞ √
To cancel the permanent override press the OK (√) button once, and the unit will resume automatic function.
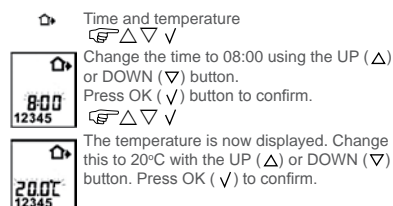
3. Programming

4-event time and temperature

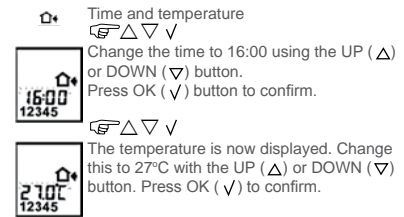**For each event, the start time and required temperature must be set.**

For example, in the morning you wish the heating to start at 06:00 and the temperature to rise to 27°C.
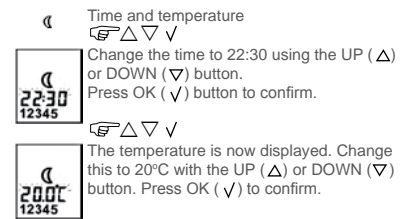
☀
Time and temperature
☞△▽ √
Press the OK (√) button for 3 seconds and the start time is displayed. Change this to 06:00 using the UP (△) or DOWN (▽) button. Press OK (√) button to confirm.
☞△▽ √
The temperature is now displayed. Change this to 27°C with the UP (△) or DOWN (▽) button. Press OK (√) to confirm. This action can now be repeated for the second event.

You leave for work at 08:00 and wish the temperature to go down to 20°C while you are out.

⌂⃗
Time and temperature
☞△▽ √
Change the time to 08:00 using the UP (△) or DOWN (▽) button.
Press OK (√) button to confirm.
☞△▽ √
The temperature is now displayed. Change this to 20°C with the UP (△) or DOWN (▽) button. Press OK (√) to confirm.

You return from work at 16:00 and wish the temperature to go up to 27°C.

⌂⃗
Time and temperature
☞△▽ √
Change the time to 16:00 using the UP (△) or DOWN (▽) button.
Press OK (√) button to confirm.
☞△▽ √
The temperature is now displayed. Change this to 27°C with the UP (△) or DOWN (▽) button. Press OK (√) to confirm.

You go to bed at 22:30 and wish the temperature to go down to 20°C.

☾
Time and temperature
☞△▽ √
Change the time to 22:30 using the UP (△) or DOWN (▽) button.
Press OK (√) button to confirm.
☞△▽ √
The temperature is now displayed. Change this to 20°C with the UP (△) or DOWN (▽) button. Press OK (√) to confirm.

These setting will be valid for days 1 - 5 (Monday - Friday), showing on the display. To program days 6 and 7, repeat the above. Days 6 and 7 are usually Saturday and Sunday, and have two events.

The temperature can be set within the range of +5° to +40°C. It is also possible to select the heating OFF at an event by reducing the setting to 5°C, and then pressing the DOWN (▽) button once more.

4. Reset to Factory Settings

Press the pin button and the thermostat returns to the factory settings. Time and day is also reset and must be set according to the instructions under Starting the operation of the thermostat.
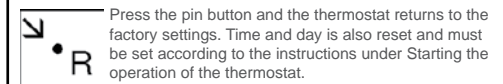
4-event time and temperature			
Day 1-5	Time	Temperature	
		S2020E S2020ECAP ST2020E ST2020ECAP	ST2020EI, ST2020EICAP
	06:00	25°C	20°C
	08:00	20°C	15°C
	16:00	27°C	22°C
	22:30	20°C	15°C
Day 6-7			
	08:00	27°C	22°C
	23:00	20°C	15°C
Hi-Low Temp.		55°C/5°C	28°C/15°C
4-event sequence	5:2		
Scale	24 H /°C		
Adaptive Control	ON		

5. Failure Codes

E0 = Internal failure, replace thermostat
E1 = Built-in sensor short-circuit or disconnected, replace thermostat
E2 = External sensor short-circuit or disconnected

Note: Refer to the full Instruction Manual supplied with the product for full detail.

S2000 Universal Tactile Dimmers

This new range of Dimmer Modules represents a revolution in dimming technology.

For the installer, they are ideal, as they are suitable for use with Leading and Trailing edge, Electronic or Wirewound Transformers. These Dimmer Modules also have built-in short circuit and overload protection.

For the end-user, the 'scene' programming facility transforms the dimmer into an automated mood-setting control unit. A simple press of the switch will set the lighting to pre-programmed levels, so there's no fiddling to get the right level.
Set the fade time between settings and for switch off, and you've got dimming that is convenient and easy to use.

Technical Information

1. Load
500W (2.1 amp), 800W (3.3 amp) – 12V low voltage or 230V up to maximum rating of the unit.

Can be used with Clipsal's Scenemaster Fluorescent Interface (E2400AM) to dim 1-10VDC Fluorescent ballasts.
Contact your Clipsal rep for more information.

2. Wiring Instructions
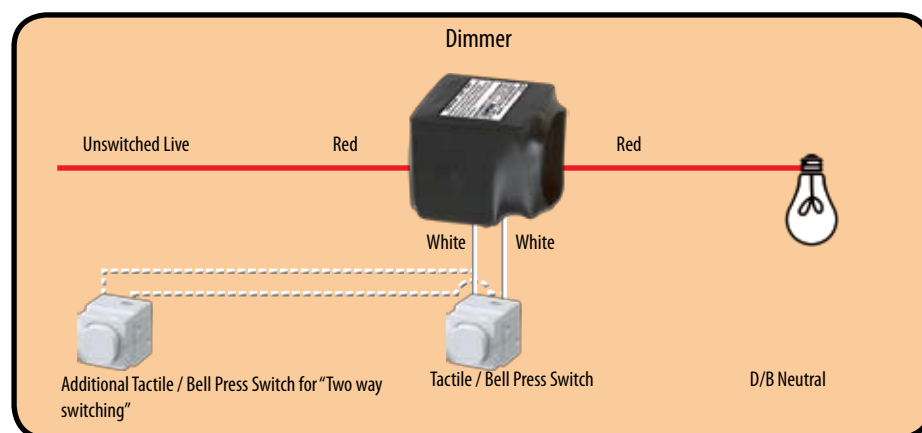
3. Important
- Wiring must be done by a qualified electrician in compliance with the local code of practice.
- These dimmers are for internal use only.
- Three year carry-in distributor warranty.

4. Trailing vs Leading Edge
The Leading Edge dimmer unit can be activated to a Trailing Edge dimmer unit.
- Once the unit is installed, switch the main power supply off.
- Press the switch and hold down.
- Switch the power back on whilst still holding the switch down.
- Release the switch.
- All loads are Leading Edge, unless specified by supplier

5. Switch Operation
These dimmers are for use with a Tactile / Bell press switch.
- Press the switch once to turn all the lights on or off.
- Press and hold the switch to dim down to the required level.
- Release the switch at the desired level.
- Press the switch again to brighten all lights.
- Pre-Set Factory Settings
- Press switch 2 times to dim to 75%; 3 times for 50%; 4 times for 30% and 5 times for 10%.

Dimmer

Unswitched Live — Red — Red

White   White

Additional Tactile / Bell Press Switch for "Two way switching"

Tactile / Bell Press Switch

D/B Neutral

S2000 Universal Tactile Dimmers

6. Load Tables

500VA UNIVERSAL DIMMER (1760502)																	
12V LOW-VOLTAGE						240V DOWN LIGHTER		240V INCANDESCENT									
MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS			MINIMUM NO OF LAMPS	MAXIMUM NO OF LAMPS	MINIMUM NO OF LAMPS				MAXIMUM NO OF LAMPS				
20W	35W	50W	20W	35W	50W	50W	50W	20W	40W	60W	100W	20W	40W	60W	100W		
1	1	1	25	14	10	1	10	1	1	1	1	25	12	8	10		

800W UNIVERSAL DIMMER (1760802)																	
12V LOW-VOLTAGE						240V DOWN LIGHTER		240V INCANDESCENT									
MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS			MINIMUM NO OF LAMPS	MAXIMUM NO OF LAMPS	MINIMUM NO OF LAMPS				MAXIMUM NO OF LAMPS				
20W	35W	50W	20W	35W	50W	50W	50W	20W	40W	60W	100W	20W	40W	60W	100W		
1	1	1	40	22	16	1	16	1	1	1	1	40	20	13	8		

7. Programming Instructions

To open programming press the switch 10 times. All lights will dim.

a. Programming scenes
- Press the switch 2 times. You are now in 'Scene Setting One'. Dim or brighten the lights to the require level.
- Press the switch 3 times – this is 'Scene Setting Two'. Dim or brighten the lights to the required level.
- Press the switch 4 times for 'Scene Setting Three'. Dim or brighten the lights to the required level.
- Press the switch 5 times for 'Scene Setting Four'. Dim or brighten the lights to the required level.
- Close programming mode, or proceed to 6b. for inter-scene fade rate settings.
- To close programming, press the switch 10 times. All lights will brighten.

b. Programming Inter-Scene Fade Rates

This section of programming controls the rate of change between scenes.
- Open programming mode if it was closed after completing 6a.
- Press the switch 6 times.

Adjust light dimming on the master switch as follows:
- Minimum light level gives a 0.2 second Fade Rate.
- Maximum light level gives an 18 second Rate, i.e. for the 18 second Fade Rate brighten the lights to 100%
- Light levels between minimum and maximum will be pro-rata of the 18 seconds, for example 50% light = 9 seconds Fade Rate.
- Close programming as in 6a, or proceed to Off-Time Fade Rate Setting.

The system is now re-programmed and can be used as normal.

c. Off Time Fade Rate

This controls the rate at which the light switches off.
- Open programming mode if it is closed.
- Press the switch 7 times. Adjust light dimming on the Master Switch as follows:
- Minimum light level is a 1.5 second Off Rate.
- Maximum light intensity gives an 11 minute Off Rate.
- Light levels between Minimum and Maximum will be pro-rata of the 11 minute Off Fade Rate, for example 50% light level = 51/2 minute Off Fade Rate.
- Close programming mode

The system is now re-programmed and can be used as normal

S2000 Universal Tactile Dimmers

8. Universal Dimmers

Electrical Specifications

Features			
Operating Voltage	165 - 265VAC, 50Hz	Retain Memory After Power Failure	Yes
Dimming Method	Trailing or Leading Edge (Selectable)	Short Circuit Protection	Yes, adaptive software control
Maximum Load Power - Resistive	500 (2.1amp), 800 (3.3amp)	Overload Protection	Yes, software controlled regulation
Maximum Load Power - Inductive	500 (2.1amp), 800 (3.3amp)	Thermal Protection	Yes, software controlled regulation
Minimum Load Power (Any load)	10W		
Software Features			
Microprocessor Control	Yes	Preset Settings	Yes - Four Self Setting Presets
Leading or Trailing Edge Select	Yes, via switch	Programmable Preset Settings	Yes, via one or more switches
Soft Start and Soft Off	Yes	Fade Off Rate	Yes, programmable via switch
Dims Load Up and Down	Yes	Security Mode	Yes, with Preset Settings
Safety (Leading and Trailing Edge)			
Operating Temperature	-20 - +50°C Ambient	Maximum Housing Temperature	85°C
Conformity (Leading and Trailing Edge)			
EMC	EN55015	Safety	EN61046
Performance	EN61047		

Rotary Dimmers

Rotary dimmers are suitable for use with incandescent lights and low voltage lights. The S2000 Rotary Dimmer Range is available in 6 moulded colours and 3 painted colours, and is supplied complete with surrounds. These dimmers can be used with electronic or wirewound transformers.

2 Amp Rotary Dimmers

S2031RD500WE 1 lever
S2032RD500WE 2 lever
S2033RD500WE 3 lever

• Incandescent Lights.
• Low Voltage Lights.
• Dimmable Electronic Transformers.
• Wire wound Transformers.

S2031RD500CHG*

S2032RD500WE

S2033RD500ES*

* Painted colours available on request only

2 AMP ROTARY DIMMER																	
12V LOW-VOLTAGE						240V DOWN LIGHTER		240V INCANDESCENT									
MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS			MINIMUM NO OF LAMPS		MAXIMUM NO OF LAMPS		MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS				
20W	35W	50W	20W	35W	50W	50W		50W		40W	60W	100W	40W	60W	100W		
3	2	2	9	7	5	1		8		2	1	1	11	7	4		

Rotary Dimmers

3,2 Amp Rotary Dimmers

S2031RD800WE 1 lever
S2032RD800WE 2 lever
S2033RD800WE 3 lever

• Incandescent Lights.
• Low Voltage Lights.
• Dimmable Electronic Transformers.
• Wire wound Transformers.

S2031RD800GG*   S2032RD800CHG*   S2033RD800WE

* Painted colours available on request only

3,2 AMP ROTARY DIMMER											
12V LOW-VOLTAGE						240V DOWN LIGHTER		240V INCANDESCENT			
MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS			MINIMUM NO OF LAMPS	MAXIMUM NO OF LAMPS	MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS
20W	35W	50W	20W	35W	50W	50W	50W	40W	60W	100W	40W	60W	100W
3	2	2	15	11	9	2	13	3	2	1	17	11	7

S2031RD WIRING DIAGRAM

Neutral

Unswitched Live

Live wire from D.B. gets connected to Line terminal on dimmer.

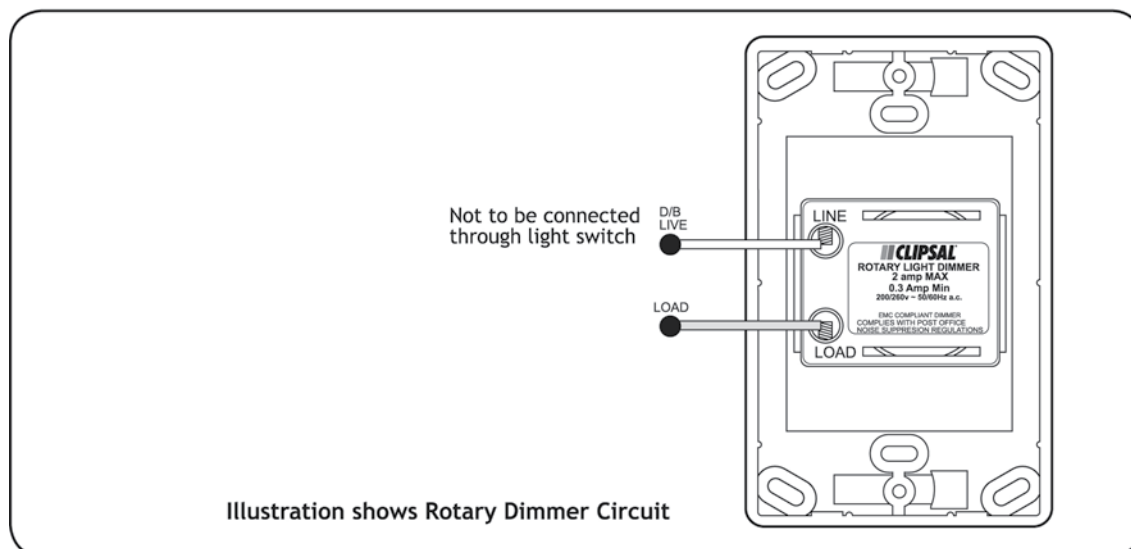Load wire from lights gets connected to Load terminal on dimmer.

All the S2000RD dimmers have an integrated switch,
and should not be connected through a switch.

30 Mech Dimmers

These 30 Series Dimmer Mechanisms are colour-coded for easy use and installation. Blue for Leading Edge and Green for Trailing Edge Transformers. They are suitable for use with incandescent and low voltage lights. Compatible with S3000 and S2000 Ranges.

Dimmer

Rotary Dimmers

Not to be connected through light switch

D/B LIVE

LINE

CLIPSAL
ROTARY LIGHT DIMMER
2 amp MAX
0.3 Amp Min
200/260v ~ 50/60Hz a.c.
EMC COMPLIANT DIMMER
COMPLIES WITH POST OFFICE
NOISE SUPPRESION REGULATIONS

LOAD

LOAD

Illustration shows Rotary Dimmer Circuit

450w Rotary Dimmer

32E450LM (Leading Edge)

• Incandescent Lights
• Low Voltage Lights
• Wire wound Transformers

32E450TM (Trailing Edge)

• Incandescent Lights
• Low Voltage Lights
• Dimmable Electronic Transformers

32E450 WIRING DIAGRAM

Neutral

Unswitched Live

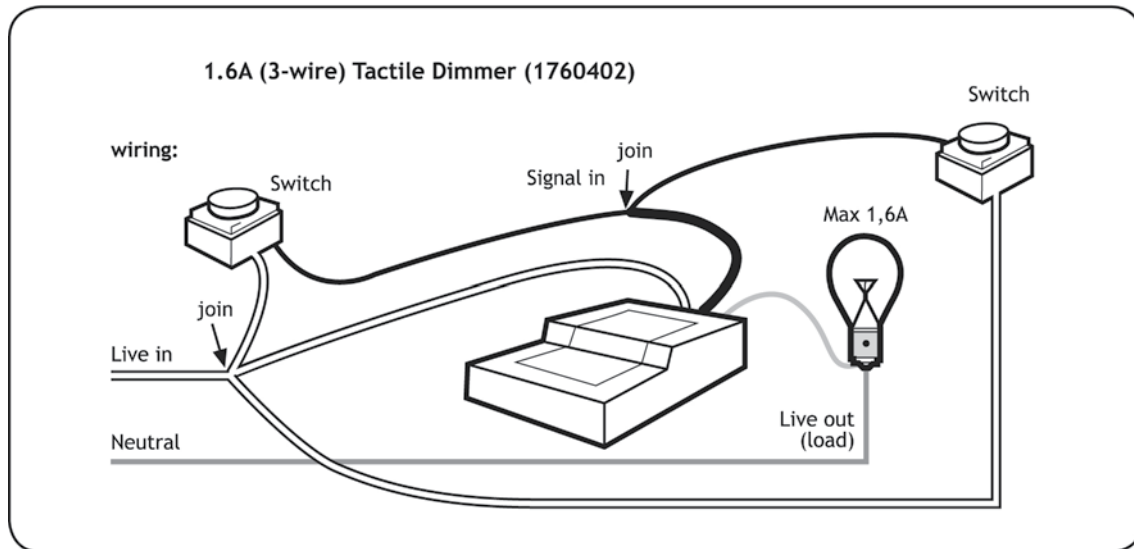Unswitched Live gets connected to common on light switch.

The No.1 connection point of the light switch gets connected to one of the wires on the dimmer.

The second wire on the dimmer gets connected to the load wire.

32E Dimmers are unswitched and need to be connected through a switch.

Tactile Dimmers

1.6A (3-wire) Tactile Dimmer (1760402)

wiring:

Switch

join — Signal in

Switch

Max 1,6A

join

Live in

Live out (load)

Neutral

1,6 AMP 3 WIRE & ALU. TACTILE								CAT. NO. 1760402 & 1764501					
12V LOW-VOLTAGE						240V DOWN LIGHTER		240V INCANDESCENT					
MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS			MINIMUM NO OF LAMPS	MAXIMUM NO OF LAMPS	MINIMUM NO OF LAMPS			MAXIMUM NO OF LAMPS		
20W	35W	50W	20W	35W	50W	50W	50W	40W	60W	100W	40W	60W	100W
3	2	2	7	5	4	1	6	2	1	1	8	5	3

How to use under floor heating

In order to gain the maximum possible benefits from your Clipsal Underfloor Heating System, we recommend the following:

» Make sure the installation is done by a qualified electrician or installation technician. Clipsal offers free training courses on their Under floor Heating Systems - contact your nearest Clipsal branch for more information.

» Switch on your system at the main switch approximately one week before the cold season starts. This allows the concrete base of the building to warm up gradually, so that by the time the cold sets in, your building is evenly heated.

» Optimum comfort levels usually fall within the 18 - 22º C range, with 20º C considered ideal.

» Windows and doors should be kept closed as much as possible in the first week of operation in order to allow all areas of the building to absorb as much heat as possible.

Under Carpet

Please note: These tables & quantities are an estimate only and can vary according to type of floor or tile used.

Formula to work out recommended wattage for the area
• Square metres of area x 80 (or nearest heater size) = Wattage needed for the area
• Consult table below to determine which heating mat or combination of heating mats are needed.

Square metres overall use	Heating Mat Size (m)	Watts	Amps	Ohm's
1 to 3	(0.6 x 1.7) or (1 x 1.5)	300	1.36	162
4 to 8	(1 x 2.5)	500	2.27	97
9 to 12	(2 x 2.4)	1000	4.54	48.5
13 to 18	(1 x 2.5) + (2 x 2.4)	1500	6.82	32
19 to 22	2 x (2 x 2.4)	2000	9.1	24
23 to 26	2 x (2 x 2.4) + 1 x (1 x 2.5)	2500	11.36	19
27 to 32	3 x (2 x 2.4)	3000	13.63	16

Under Tile

Formula to work out recommended wattage for the area - for both braided and un-braided cable.
• Square metres of area x 100 = Wattage needed for the area
• Spacing between runs: 50 - 75mm Apart; 100mm for wooden floors.

						Spaces between runs						
						0	1	2	3	4	5	6
						45mm	55mm	65mm	75mm	85mm	95mm	105mm
Square metre	Watts	Length	Colour	Amps	Ohm's	Square metre area						
1 to 3	300	25m	blue	1.36	162	1.1m²	1.3m²	1.6m²	1.8m²	2.1m²	2.3m²	2.6m²
4 to 6	500	50m	orange	2.2	97	2.2m²	2.7m²	3.2m²	3.7m²	4.2m²	4.7m²	5.2m²
7 to 9	750	70m	pink	3.4	65	3.1m²	3.8m²	4.5m²	5.2m²	6m²	6.6m²	7.3m²
10 to 12	1000	90m	white	4.5	48	4m²	4.9m²	5.8m²	6.7m²	7.6m²	8.5m²	9.4m²
13 to 17	1500	110m	violet	6.8	32	4.9m²	6m²	7.1m²	8.2m²	9.3m²	10,4m²	11.5m²
18 to 22	2000	150m	tan	9.1	24	6.7m²	8.2m²	9.7m²	11.2m²	12.7m²	14.2m²	15.7m²

Polyester - Std 3m Width

Blue	1m	White	3m
Orange	2m	Violet	4m
Pink	3m	Tan	4.5m

Superscreed and Screed Binder

Blue or Orange	1/2 Bag Superscreed	1/4 Bottle Screed Binder
Pink or White	1 Bag Superscreed	1/2 Bottle Screed Binder
Violet or Tan	2 Bags Superscreed	1 Bottle Screed Binder

• Amount of Superscreed and Binder used is only an estimation as floor finishes (grain of cement) will determine absorption of cement.
• The amount of Polyester used will be determined by the gap cable is run at.
• Primer must be used for floated floors and tile finishes.

Under Floor

Formula to work out recommended wattage for the area
• ± 120 W/m² Depending on building design
• Spacing between runs: ± 100mm

						Spaces between runs						
						Skip	0	1	2	3	4	5
							45mm	55mm	65mm	75mm	85mm	95mm
Square metre	Watts	Length	Colour	Amps	Ohm's	Square metre area						
1 to 3	300	25m	blue	1.4	160		**	1.3m²	1.6m²	1.8m²	2.1m²	2.3m²
4 to 5	600	50m	orange	2.7	81.5		**	2.7m²	3.2m²	3.7m²	4.2m²	4.7m²
6 to 8	900	78m	pink	4.1	53.6		**	4,3m²	5m²	5,8m²	6,6m²	7,4m²
9 to 10	1200	90m	white	5.5	40		**	4,9m²	5.8m²	6.7m²	7.6m²	8.5m²
11 to 13	1600	110m	violet	7.3	30		**	6m²	7.1m²	8.2m²	9.3m²	10.4m²
14 to 17	2100	138m	tan	9.5	23		**	7,6m²	8,9m²	10,3m²	11,7m²	13,1m²
18 to 19	2300	140m	yellow	10.5	21		**	7,7m²	9,1m²	10,5m²	11,9m²	13,3m²
20 to 21	2500	210m	turquoise	11.4	19		**	11,5m²	13,6m²	15,7m²	17,8m²	19,9m²
22 to 25	3100	225m	brown	14.5	15.6		**	12,3m²	14,6m²	16,8m²	19,1m²	21,3m²
26 to 30	3700	240m	green	16.8	13.1		**	13,2m²	15,6m²	18m²	20,4m²	22,8m²

Under floor heating thermostat

Thermostat with air sensor

L
N
PE
MAX
16A

Thermostat with capillary sensor

L
N
PE
MAX
16A
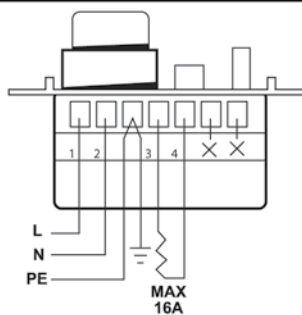
SENSOR
for
S2020CAP &
ST2020CAP
only
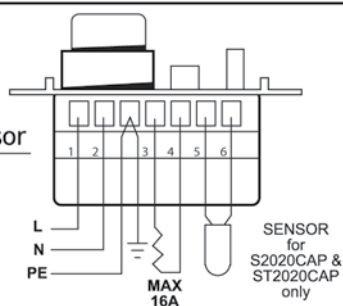
Ceiling Exhaust Fan: CE 250
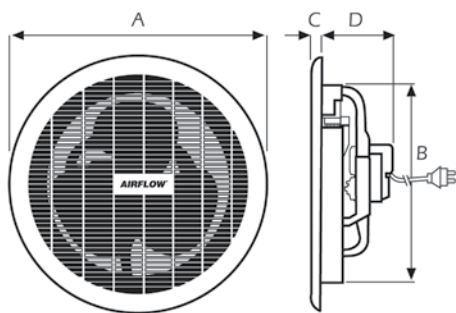
Fan Type - Axial			
Catalogue Number	CE250	Above cook top	1200mm
Cubic metres per hour	385m³/h	Fan dia.	250mm Ø
Litres per second	107 l/S	Number of speeds	1
Overall intake size dia. (A)	345mm Ø	Rated voltage	240V
Duct size dia. (B)	284mm Ø	Watts	40W
Room Protrusion (C)	19mm	Full load current	0.35A
External protrusion (D)	110mm	Motor type	Ball bearing
Plug and lead length	800mm	Decibel rating at 3 metres	44dBA
Hole size dia.	287mm Ø		
Minimum mounting height			

A	Overall intake size	345mm	
B	Duct size	284mm	
C	External protrusion	19mm	
D	Internal protrusion	110mm	
	Cubic metres/h	385	
	Litres per second	107	
	Hole size	295mm	
	Fan Diameter	250mm	
	Motor Type	Ball bearing	
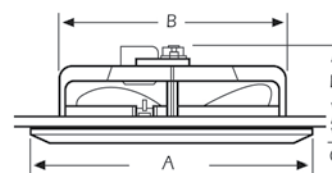
Recommended air changes per hour

Application	Changes per hour	Recommended fan for normal size rooms
Kitchen	18	250mm
Laundry	18	250mm
Bathroom	18	200mm
En Suite Toilet	40	200mm
Living Room	5	200mm
Office	10	250mm 2 speed
Shop	10	250mm 2 speed

Depending on room conditions - more or less changes may be required.
The above figures are approximates only.

TECH INFO GUIDELINES

Sequence Options

1 2 3 4 5 6 7 8
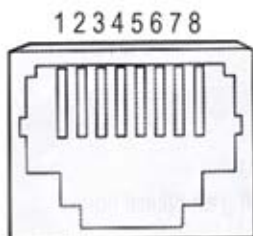
RJ-45 MODULAR JACK (FEMALE)
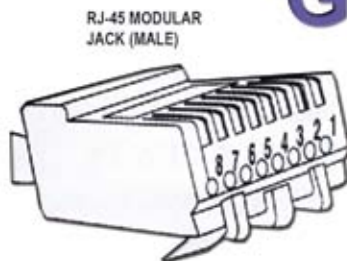
RJ-45 MODULAR JACK (MALE)

8 7 6 5 4 3 2 1

Sequence is defined as the order in which the incoming pairs are terminated into the modular interface pins

EIA 568A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

This is the preferred connection sequence for Australia and New Zealand as stated in AS/NZ 3080-1885; also the EIA Commercial Cabling Specification Draft 9.0 for termination of UTP data cable. The international standard for ISDN also states this standard. This is similar to the 568B sequence except that pairs #2 and #3 are transposed.

EIA 568B

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

This is the preferred connection sequence for the U.S. and is derived from ISO 11801 and is a sub-set of IEEE 802.3 10 Based-T Ethernet over twisted pair.

CATEGORY 5e
The characteristics of these twisted-pair cable and components are specified up to 100Mhz. They are intended to be used for voice and data transmission rates up to and greater than, 16Mb/s [eg. IEE 802.5 16Mb/s twisted-pair standard and ANSIX3T9.5 100Mb/s twisted-pair physical media dependent (TP-PMD)].

CATEGORY 6
Continued development of high-speed applications drove the need for more bandwidth than Category 5 cabling systems. Category 6 channels have a power sum ACR that is greater than zero at 200 Mhz, and parameters are specified up to 250 Mhz.

Solid vs. Stranded Cable

UTP SOLID CABLE
For runs between Building Distributor or from the Floor Distributor to a wall plate, choose regular UTP cable. These solid-conductor cables, designed for horizontal and backbone cable runs, should not be flexed, bent or twisted repeatedly and should be installed in accordance with recommended installation guidelines

UTP STRANDED CABLE
Use stranded patch cable for connecting your workstations to the wall plate with patch panels and with other equipment such as hubs. Since it's made with stranded components, stranded patch cable is excellent for applications that call for repeated flexing without damaging the cable.

Since attenuation is higher in stranded cables than in solid-conductor cables you should try to keep these cables' runs short to lower the chance of introducing even more attenuation into your system. It's best to keep lengths of stranded patch cables under 6.0 meters.

PERMANENT LINK AND CONSOLIDATION POINT (cp) LINK MODEL

PP

CP

TO

Permanent Link
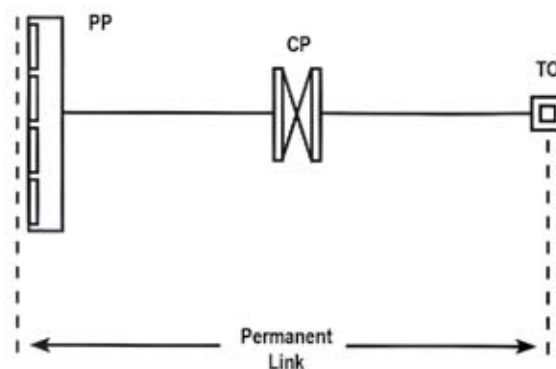
LEGEND

PP - Patch Panel
TO - Telecommunications Outlet / Data Outlet
CP - Consolidation Point

CLIPSAL
D A T A C O M M S